NCCN 2020 Annual Report

Honoring 25 Years of Improving the Lives of Patients with Cancer
NCCN Mission and Vision

NCCN is an alliance of leading cancer centers devoted to patient care, research, and education.

Our mission is to improve and facilitate quality, effective, efficient, and accessible cancer care so patients can live better lives.

Our vision is to define and advance high-quality, high-value, patient-centered cancer care globally.
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The National Comprehensive Cancer Network® (NCCN®) is a not-for-profit alliance of 30 leading cancer centers devoted to patient care, research, and education.
NCCN Member Institutions include:

- Abramson Cancer Center at the University of Pennsylvania
- Fred & Pamela Buffett Cancer Center
- Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute
- City of Hope National Medical Center
- Dana-Farber/Brigham and Women’s Cancer Center Massachusetts General Hospital Cancer Center
- Duke Cancer Institute
- Fox Chase Cancer Center
- Huntsman Cancer Institute at the University of Utah
- Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance
- The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
- Robert H. Lurie Comprehensive Cancer Center of Northwestern University
- Mayo Clinic Cancer Center
- Memorial Sloan Kettering Cancer Center
- Moffitt Cancer Center
- The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
- O’Neal Comprehensive Cancer Center at UAB
- Roswell Park Comprehensive Cancer Center
- Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine
- St. Jude Children’s Research Hospital/ The University of Tennessee Health Science Center
- Stanford Cancer Institute
- UC San Diego Moores Cancer Center
- UCLA Jonsson Comprehensive Cancer Center
- UCSF Helen Diller Family Comprehensive Cancer Center
- University of Colorado Cancer Center
- University of Michigan Rogel Cancer Center
- The University of Texas MD Anderson Cancer Center
- University of Wisconsin Carbone Cancer Center
- UT Southwestern Simmons Comprehensive Cancer Center
- Vanderbilt-Ingram Cancer Center
- Yale Cancer Center/Smilow Cancer Hospital

To learn more about NCCN Member Institutions visit NCCN.org/cancercenters.
The year of 2020 presented new challenges: navigating cancer care during a global pandemic; presenting educational opportunities in effective and safe formats; and continuing to improve the lives of patients with cancer. 2020 also marked the 25th Anniversary of the National Comprehensive Cancer Network® (NCCN®). NCCN rose to the occasion, as we have with every challenge faced over the past 25 years. NCCN continued to update and share relevant and influential guidance while working to improve the quality, effectiveness, efficiency, and accessibility of cancer care globally.
This report provides an opportunity to reflect on our accomplishments of 2020 and of the entire 25 years of historical achievements that support our mission.

Utilization of the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) continued to increase. In 2020, the NCCN Guidelines® were downloaded more than 11.7 million times—more than a 3.5% increase over 2019. We recognized the need for ever-expanding utilization of our guidelines and remain committed to providing the most thorough and frequently updated clinical practice guidelines available in any area of medicine.

Last year we added two new NCCN Guidelines, including one pediatric guideline, to our library, bringing the total number of NCCN Guidelines to 79. NCCN Guidelines are continuously updated to reflect new scientific evidence and clinical information that may add to or alter current clinical practice standards to achieve optimal patient outcomes. In order to achieve this commitment, more than 1,660 volunteer experts across the 30 NCCN Member Institutions served on NCCN Guidelines Panels. In 2020, NCCN Guidelines were updated 184 times.

Throughout the year, NCCN staff and Member Institutions demonstrated adaptability and continued collaboration. Member Institutions worked together with NCCN to produce recommendations for cancer care during the COVID-19 pandemic and presented webinars focusing on creative strategies implemented during COVID-19 that will impact the future of cancer care. With safety as a top priority, live programs were converted into virtual events, panel meetings were held through phone calls and web meetings, and while the medium changed, our mission did not.

Our vision is to define and advance high-quality, high-value, patient-centered cancer care, globally. In service to that vision, 93 new and updated translations and adaptations of the NCCN Guidelines were published in 2020. This expanded our library to 242 total translations of NCCN resources, with content translated into 50 different languages.

We continued to increase our ability to adapt and disseminate the critical knowledge contained in the NCCN Guidelines into an easy-to-understand format with the NCCN Guidelines for Patients® to empower patients with knowledge through their cancer journey. In 2020, 9 new NCCN Guidelines for Patients were created and, with support from the NCCN Foundation®, we continued our commitment to update existing patient resources. The library of patient resources now includes 53 NCCN Guidelines for Patients, as well as 25 translated resources in 11 languages.
Throughout the year, NCCN educational opportunities, events, policy summits, advocacy efforts, research programs, committees and advisory groups, and business programs engaged with diverse groups of stakeholders in our shared work to improve, innovate, and increase knowledge about evidence-based cancer care. We are excited about the future and proceed with resiliency and confidence. As we look ahead, we are committed to expanding our reach and impact through high-quality content, activities, programming, and education.

Despite a year filled with challenges, NCCN experienced multiple successes that were possible because of the passionate NCCN team, eager to embrace new advances and discoveries to help people with cancer live better lives. We wholeheartedly thank NCCN Member Institutions; members of boards, committees, and panels; supporters; staff; and all those who access our resources for advancing cancer care together.

Sincerely,

Ronald S. Walters, MD, MBA, MHA, MS  
Chair, NCCN Board of Directors  
Associate Head for the Institute for Cancer Care Innovation  
The University of Texas  
MD Anderson Cancer Center

Robert W. Carlson, MD  
Chief Executive Officer  
National Comprehensive Cancer Network
Despite new challenges presented in 2020, NCCN continued to stay dedicated to providing all oncology stakeholders with reliable and up-to-date information through publication of and continuous updates to the library of NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) and derivative products.

The NCCN Guidelines® are a comprehensive set of guidelines detailing the sequential management decisions and interventions that currently apply to more than 97 percent of cancers affecting patients in the United States.

NCCN Member Institution volunteers seated on NCCN Guidelines Panels develop the NCCN Guidelines and continuously update and revise them to reflect the latest advances in preventive, diagnostic, treatment, and supportive services. NCCN Guidelines Panel Members include multidisciplinary, disease-specific sub-specialists who are both clinicians and researchers, as well as patient advocates. Each guideline undergoes annual institutional review where it is circulated for comment among the faculty at each NCCN Member Institution. External parties, including patients, patient advocates, clinicians outside the Member Institutions, industry, and/or payers, are invited to submit requests for specific issues or topics to be discussed by the NCCN Guidelines Panel.
About the Guidelines

NCCN Guidelines contain cancer care recommendations that are continuously updated and revised to reflect new data and clinical information.

- NCCN Categories of Evidence and Consensus are based on the level of clinical evidence available and the degree of consensus within NCCN Guidelines Panels.
- NCCN Categories of Preference clarify panel and institutional preferences for interventions, provide guidance to users of the NCCN Guidelines on which recommendation(s) is considered optimal, and continue to provide a wide range of recommendations to meet varying clinical circumstances and patient preferences.
- NCCN Guidelines with NCCN Evidence Blocks™ are a visual representation of five key measures that provide important transparent information about specific NCCN Guidelines recommendations that informs decisions about systemic therapies based upon treatment, supporting data, and cost. It is a starting point for shared decision-making considering the patient’s own value system.

Types of Guidelines

- NCCN Guidelines for Treatment by Cancer Type
- NCCN Guidelines for Detection, Prevention, & Risk Reduction
- NCCN Guidelines for Supportive Care
- NCCN Guidelines for Specific Populations
- NCCN Guidelines with NCCN Evidence Blocks™

Access to the Guidelines

- Free download online for non-commercial use from NCCN.org
- NCCN App
- Print Copies
- Pocket Guidelines
- E-mail alerts (with subscription to NCCN Flash Updates™)
- Health Information Technology (HIT) companies
NCCN Guidelines® are the most thorough and frequently updated clinical practice guidelines available in any area of medicine.

There were more than 11.7 million downloads of NCCN Guidelines in 2020.

The most frequently downloaded NCCN Guidelines in 2020

<table>
<thead>
<tr>
<th>NCCN Guidelines</th>
<th>Downloads</th>
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<tbody>
<tr>
<td>NCCN Guidelines for Breast Cancer</td>
<td>834,521</td>
</tr>
<tr>
<td>NCCN Guidelines for Non-Small Cell Lung Cancer</td>
<td>588,520</td>
</tr>
<tr>
<td>NCCN Guidelines for Prostate Cancer</td>
<td>431,647</td>
</tr>
<tr>
<td>NCCN Guidelines for Colon Cancer</td>
<td>415,860</td>
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</table>
NCCN Continues to Make an Impact Globally

In 2020, NCCN increased its library of translations by 35%, with more than 150 new and updated translations of NCCN Guidelines and derivative products published throughout the year. NCCN also published translations of the NCCN Distress Thermometer in 46 languages, allowing providers worldwide to identify and address the multifactorial aspects of distress cancer patients can experience. Various NCCN resources are translated into over 50 languages and now feature more than 240 total translations available on the website.

Every year, Fast Company's World Changing Ideas Awards honor organizations driving change in the world. NCCN's work in Sub-Saharan Africa, Allied Against Cancer, created in collaboration with the African Cancer Coalition (ACC), American Cancer Society, Clinton Health Access Initiative, and IBM Foundation, was highlighted in this year's Fast Company “World Changing Company of the Year” issue. Allied Against Cancer is helping improve access to high-quality cancer care and treatment by advancing the practitioners, products, and processes that will improve cancer care and control in Sub-Saharan Africa.

Building on an ongoing collaboration with La Fundación para la Excelencia y la Calidad Oncológica (ECO), NCCN and ECO co-hosted a virtual conference with the aim of offering updates on new therapies and treatments that correspond with the NCCN Guideline adaptations for Spain, which include Lung Cancer, Squamous Cell Skin Cancer, Breast Cancer, Prostate Cancer, and Colorectal Cancer. Additionally, the impact of the COVID-19 pandemic on cancer care in Spain and the United States was discussed.
NCCN Guidelines - Global Downloads in 2020

Downloads of NCCN Guidelines by Country

- 1 – 100
- 100 – 1,000
- 1,000 – 10,000
- 10,000 – 50,000
- 50,000 – 150,000
- 150,000 – 4+ Million
## NCCN Guidelines Resources

| **NCCN Drugs & Biologics Compendium (NCCN Compendium®)** | Authoritative, scientifically derived information designed to support decision-making about the appropriate use of drugs and biologics in patients with cancer  
- Contains more than 5,132 active records  
- Updated in conjunction with the NCCN Guidelines on a continual basis  
- Recognized by public and private insurers as an authoritative reference for oncology coverage policy  
- Subscription-based searchable database |
| **NCCN Biomarkers Compendium®** | Information to support decision-making around the use of biomarkers in cancer care  
- Provides essential details for tests recommended by the NCCN Guidelines, such as tests that measure changes in genes or gene products for predictive, diagnosis, monitoring, surveillance, or prognostic information  
- Contains over 1,500 records  
- Subscription-based searchable database |
| **NCCN Imaging Appropriate Use Criteria (NCCN Imaging AUC™)** | Details of imaging recommendations included in the NCCN Guidelines  
- Available for more than 66 cancer types in addition to screening and supportive care  
- NCCN is recognized by Centers for Medicare & Medicaid Services (CMS) as a qualified provider-led entity for creation of the NCCN Imaging AUC™  
- Free searchable database |
| **NCCN Radiation Therapy Compendium™** | Information to support clinical decision-making around the use of radiation therapy in patients with cancer  
- Includes a full complement of radiation therapy recommendations found in the NCCN Guidelines  
- Contains 48 disease sites and 900 radiation therapy recommendations  
- Recognized by public and private insurers as an authoritative reference for oncology coverage policy  
- Subscription-based searchable database |
| **NCCN Chemotherapy Order Templates (NCCN Templates®)** | Intended to improve the safe use of drugs and biologics in cancer care  
- Includes chemotherapy, immunotherapy, supportive care agents, monitoring parameters, and safety instructions  
- Special instructions for self-administered chemotherapeutic agents also provided  
- Contains more than 1,851 active templates  
- Downloaded more than 1.1 million times in 2020  
- Subscription-based searchable database |

Available online at [NCCN.org](https://www.NCCN.org).
### Global NCCN Guidelines Resources

<table>
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<tr>
<th>Resource</th>
<th>Description</th>
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| **NCCN Framework for Resource Stratification of NCCN Guidelines (NCCN Framework™)** | A tool for health care providers to identify treatment options that will provide the best possible outcomes given specific resource constraints  
  - 19 NCCN Framework™ are available  
  - Covers ~75% of all cancers worldwide  
  - Used widely around the world, including in a number of low- and middle-income countries where certain diagnostic tests and/or treatment approaches may be unavailable |
| **NCCN Harmonized Guidelines™**            | Modified NCCN Guidelines targeted to regional resources in Sub-Saharan Africa and the Caribbean.  
  - Collaborative global effort to combat skyrocketing cancer rates and unique care circumstances  
  - Includes pragmatic approaches that provide effective treatment options for resource-constrained settings  
  - 46 NCCN Harmonized Guidelines™ for Sub-Saharan Africa are available, with 18 updated in 2020  
  - Seven NCCN Harmonized Guidelines™ for the Caribbean are available |
| **International Adaptations**              | Modified NCCN Guidelines to aid clinicians in determining appropriate and effective avenues of care in a specified country or region of the world  
  - 25 NCCN Guidelines adaptations are available  
  - Developed by the host country or region’s oncology thought leaders in conjunction with NCCN Guidelines Panel Members  
  - Account for metabolic differences in populations, accessibility of technology, and regulatory status of health care technologies |
| **International Translations**             | NCCN Guidelines translated from English  
  - 54 NCCN Guidelines and 19 derivative products have been translated into one or more languages  
  - NCCN content has been translated into 50 different languages |

Available free online for non-commercial use at [NCCN.org](http://NCCN.org) and via the NCCN Mobile App.
NCCN Guidelines by the Numbers

79
Total NCCN Guidelines*

>1.4 million
Registered users of NCCN Guidelines

2
NEW NCCN Guidelines published in 2020:
- Myeloid/Lymphoid Neoplasms with Eosinophilia and Tyrosine Kinase Fusion Genes
- Hodgkin Lymphoma (Pediatric and AYA)

>5.0 million
Unique visitors to NCCN.org

59
NCCN Guidelines Panels

46.7%
Registered users of NCCN Guidelines outside of the United States

>1,660
NCCN Guidelines panel members

242
Total translations of the NCCN Guidelines and derivative products

>37,000
Hours NCCN Guidelines panelists contributed

*For a complete list of NCCN Guidelines, visit NCCN.org/guidelines.
Innovations in cancer care did not pause during 2020, and NCCN maintained its commitment to improving the lives of patients with cancer through research and knowledge discovery.

**NCCN Oncology Research Program (ORP)**

The NCCN ORP fosters innovation and knowledge discovery that improve the lives of patients with cancer. To achieve this goal, the ORP studies both FDA-approved and investigational agents/devices, to seek novel enhanced, effective, and efficient cancer therapy. In addition, it works to develop new insights into cancer care delivery outcomes and quality, as well as seek solutions to barriers affecting optimal cancer management.

The ORP aims to increase opportunities for NCCN Member Institution faculty to participate in oncologic investigation and supports those who are, or will become, leaders in cancer research. Through presentations and/or publication in peer-reviewed journals, the ORP ensures the knowledge gained through the program is disseminated to the medical community at large. The ORP demonstrates that constructive, appropriate, and transparent collaboration between academia and industry results in valuable knowledge and improved cancer management.

The ORP also facilitates the NCCN General Poster Session presented in conjunction with NCCN's Annual Conference and oversees the NCCN Foundation Young Investigator Awards (YIA) program.

The electronic versions of 111 posters were published on the NCCN website as part of the NCCN 2020 Virtual Annual Conference. The 2021 NCCN Virtual Annual Conference will feature its second session of oral poster presentation. The ORP is pleased to announce that CE credit will be available for all attendees.
Resources for Research

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<th>NCCN Informed Consent Language (ICL) Database</th>
<th>Comprehensive resource to assist researchers and clinical operations personnel with writing and amending informed consents for study participants</th>
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| NCCN Points to Consider on the Best Practices for Biorepositories, Registries, and Databases | Tool and resource for research investigators who plan to design, implement, and manage a research study which intends to deposit, transfer, and/or access specimens or data in a biorepository, registry, or database
  - Provides applicable principles, strategies, basic considerations, and best practices, with suggestions and examples to satisfy national and international standards, and funding agency and institutional requirements |
| NCCN Shared Resources Database | Database through which investigators share more than 247 unique assets, including complex technologies, instrumentation facilities, advanced human tissue specimen analysis, animal models, and specialized databases
  - Enables collaborative research among cancer centers |

Free access at NCCN.org.

NCCN ORP initiated the following collaborations in 2020
- A research grant with Puma Biotechnology, Inc, to study neratinib in solid tumors
- A quality improvement initiative with AstraZeneca in early stage non-small cell lung cancer
- A collaborative project with Pfizer, Inc. and Astellas Pharma Global Development to study enzalutamide in prostate cancer
- A collaborative project with Pfizer, Inc. to study talazoparib in prostate cancer
NCCN ORP awarded funding to the following projects in 2020

**NCCN AstraZeneca Quality Improvement in Lung Cancer Projects**

- **Charu Aggarwal, MD**  
  *Hospital of the University of Pennsylvania*  
  System-wide integration of plasma-based next generation sequencing into clinical pathways for detection of NCCN recommended biomarkers to improve the management of patients with metastatic non-squamous NSCLC

- **Debora Bruno, MD, MS, and Navid Sadri, MD, PhD**  
  *University Hospitals – Seidman Cancer Center*  
  Developing a PREcision meDICine Thoracic (PREDICT) Service in a large practice network: focus on implementation, physician and patient impact

- **Jennifer Temel, MD, and Joseph Greer, PhD**  
  *Massachusetts General Hospital Cancer Center*  
  Randomized Trial of a Supportive Care Mobile Application (App) to Improve Symptoms, Coping, and Quality of Life in Patients with Advanced Non-Small Cell Lung Cancer (NSCLC)

**NCCN AstraZeneca Quality Improvement in Ovarian Cancer Projects**

- **Alexi A. Wright, MD, MPH, and Hanneke Poort, PhD**  
  *Dana-Farber Cancer Institute*  
  REVITALIZE: A Telehealth Intervention for Women with Advanced Ovarian Cancer and PARP Inhibitor-Related Fatigue

- **Haller J. Smith, MD**  
  *University of Alabama at Birmingham*  
  Feasibility and Impact of a Comprehensive Telehealth Program on Reducing Geographic Barriers to Treatment and Improving Symptom Management in Rural Patients with Advanced Ovarian Cancer

- **Cary Gross, MD**  
  *Yale Cancer Outcomes, Public Policy, and Effectiveness Research (COPPER) Center and Smilow Cancer Hospital*  
  CommunityRx-Cancer: An IT-Enhanced Patient Navigation Program for Social Determinants of Health in Advanced Ovarian Cancer

- **Barbara Goff, MD, and Donna L. Berry, PhD, RN, AOCN**  
  *Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance*  
  Patient-centered Education and Support for Women with Advanced Ovarian Cancer

**NCCN Taiho Futibatinib Projects**

- **Jordi Rodon Ahnert, MD, PhD**  
  *The University of Texas MD Anderson Cancer Center*  
  Phase Ib trial of Olaparib in Combination with Futibatinib in All Solid Tumors with BRCA1/2 alterations

- **Siqing Fu, MD, PhD**  
  *The University of Texas MD Anderson Cancer Center*  
  A Phase II Study of Futibatinib and Pembrolizumab in Metastatic Microsatellite Stable Endometrial Carcinoma
• Sameek Roychowdhury, MD, PhD
  *The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute*
  Developing Futibatinib for Use on Novel FGFR Genomic Alterations and in Therapy Combination

• Nguyen Tran, MD
  *Mayo Clinic Cancer Center*
  Phase 2 Study of FGFR4 Inhibitor Futibatinib in Combination with Anti-PD1 Antibody Pembrolizumab in Patients with Advanced or Metastatic Hepatocellular Carcinoma with FGF19 Expression After First-line Therapy

**NCCN Lilly Abemaciclib Projects**

• Aditya Bardia, MD, MPH
  *Massachusetts General Hospital Cancer Center* and
  
• Seth Wander, MD, PhD
  *Harvard Medical School*
  A Prospective, Multi-Center, Biomarker Driven Trial to Evaluate the Efficacy and Safety of Abemaciclib Monotherapy Beyond First Line CDK4/6 Inhibition in ER + Breast Cancer (AMBER)

• Mathew Cherian, MBBS
  *The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute*
  Refractory Hormone Receptor Positive Breast Cancer: A Role for Estrogen Receptor

• Mateusz Opyrchal, MD, PhD
  *Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine*
  Inhibition of Aurora A Kinase Restores Sensitivity to CDK 4/6 Blockade of ER Positive Breast Cancers

**NCCN Pfizer Axitinib Collaborative Projects (Pfizer will provide oversight)**

• Zeynep Eroglu, MD
  *Moffitt Cancer Center*
  Phase II Study of Axitinib + Ipilimumab in Advanced Melanoma

• David Hsieh, MD
  *UT Southwestern Simmons Comprehensive Cancer Center*
  Single-arm Phase II Study of Axitinib, Avelumab, and Bavituximab in Advanced HCC

• Alexander Shoushtari, MD
  *Memorial Sloan Kettering Cancer Center*
  Phase II Study of Axitinib + PD-1 Blockade in Mucosal Melanoma with Adaptive Phase I Escalation in Select Progressors

• Michael Soulen, MD
  *Abramson Cancer Center at the University of Pennsylvania*
  Phase I-II Study of Hepatic Chemoembolization With Irinotecan-Loaded Drug-Eluting Microspheres (DEBIRI) Plus Axitinib and Hydrochlorquine for Liver-Dominant Metastatic Adenocarcinoma of The Colon And Rectum
JNCCN
Journal of the National Comprehensive Cancer Network

JNCCN is dedicated to disseminating research results and new knowledge locally, nationally, and internationally while enhancing the collaboration between academic medicine and the community physician.

The journal provides the latest information about clinical best practices, oncology outcomes, new research initiatives, and scientific studies related to oncology health services. JNCCN features updates on the NCCN Guidelines, including the NCCN Guidelines Insights, which provide behind-the-scenes views into the NCCN Guidelines Panel discussions that lead to important updates.

In 2020, JNCCN launched an Online First section on JNCCN.org, which allows the journal to get more of its accepted manuscripts out to readers earlier.

The journal continues to refine design elements, including updated email designs and contents.

JNCCN Resources

<table>
<thead>
<tr>
<th>JNCCN—Journal of the National Comprehensive Cancer Network</th>
<th>Peer-reviewed, PubMed-indexed oncology journal</th>
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<tr>
<td></td>
<td>• 14 issues per year, including special editions on the NCCN Annual Conference and NCCN Annual Congress: Hematologic Malignancies™</td>
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<td></td>
<td>• Available in print and online with a subscription</td>
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<th>JNCCN 360</th>
<th>An online resource that helps users quickly learn what's new and important in the oncology world</th>
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<td>• Organized by specific tumor type or disease and features links to key articles, trials, patient resources, videos, and more</td>
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<td>• Spotlights focus on specific therapies with clinical recommendations, “pearls,” by practitioners who have hands-on experience with that therapy</td>
</tr>
<tr>
<td></td>
<td>• Free online at JNCCN360.org</td>
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NCCN Research by the Numbers

$5.5\text{ million}$
Awarded to NCCN Member Institutions through ORP initiatives

111
Electronic posters presented at the NCCN 2020 Virtual Annual Conference General Poster Session

9
Manuscripts published and 8 abstracts from ORP research projects

5
Requests for proposals (RFPs) released

74
Research articles published in JNCCN in 2020

$>24,000$
JNCCN circulation

9.316
Impact factor measuring how frequently JNCCN is cited in other journals
NCCN recognizes and appreciates the importance of ensuring that stakeholders have access to NCCN Guidelines and NCCN Content in whatever format they use. Throughout 2020, NCCN and oncology stakeholders embraced adaptability and continued a commitment to improve and increase knowledge about evidence-based cancer care.

NCCN works with multiple organizations to disseminate NCCN content and engages key stakeholders to enhance collaborative efforts to expand awareness of NCCN programs and resources. In addition, NCCN collaborates with public and private payers, employers, pharmacy benefits managers, and related organizations for effective and efficient use of the NCCN Guidelines and their derivatives for the development, implementation, and assessment of coverage and quality policies and programs.
## Using the NCCN Guidelines at Point of Care

| NCCN Content in Health Information Technology (HIT) | Incorporate in health information technology (HIT), through permissions and licensing arrangements  
73 HIT companies licensed NCCN content in 2020 and can be viewed on [NCCN.org/HIT](http://NCCN.org/HIT) |
| NCCN Content in Electronic Health Records (EHRs) | Organizations use NCCN content in electronic health records through licensing arrangements  
Licensees of the NCCN Guidelines that provide decision support at point-of-care and NCCN Guidelines concordance reporting include Flatiron Assist, Integra Connect, McKesson Specialty Health Clear Value Plus SM (CVP), Siemens Healthineers, and Varian’s 360 Oncology™  
EHR companies that licensed NCCN Templates for point-of-care tools in 2020 include Cerner, CureMD, Epic, Flatiron OncoEMR, iKnowMed, IntegraCloud, and MEDITECH |
| NCCN Pocket Guidelines | Pocket-sized versions of the NCCN Guidelines that serve as a valuable reference tool  
Consistently selected as a preferred format by NCCN Guidelines users  
More than 71,000 distributed  
Available for order on [NCCN.org](http://NCCN.org) |
| NCCN Flash Updates™ | Timely outlines of the most recent updates to NCCN products and resources direct to subscribers’ and licensees’ inboxes  
NCCN sent 180 Flash Updates via e-mail in 2020  
More than 7,500 individuals receive NCCN Flash Updates™ |

## Programs to Engage Employers and Payers

| Employer & Payer Initiatives | NCCN works with commercial insurers, employers, and purchasers to ensure their members are receiving high-quality cancer care  
NCCN Guidelines and derivatives are used for coverage determination for at least 85% of covered lives by CMS for Medicare, commercial insurers, payers, and purchasers |
| NCCN Employer Forums | Employer stakeholders discuss the current state of oncology care and relevant healthcare issues  
The NCCN Employer Advisory Group includes employers and employer coalition groups that are responsible for covering millions of lives through their employer-sponsored plans  
The 2020 NCCN Employer Forum was held virtually on October 5, 2020.  
The NCCN Employer Advisory Group prepared a new version of the NCCN Employer Toolkit for publication |
## Programs to Engage Stakeholders

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<tr>
<th>Program</th>
<th>Description</th>
<th>Details</th>
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| NCCN Academy for Excellence & Leadership in Oncology™                  | Live interactive program through which pharmaceutical and biotech professionals learn about pressing issues in oncology today and how to apply this knowledge | • Two meetings were held virtually in 2020  
• 756 attendees |
| NCCN Customized Academy for Excellence & Leadership in Oncology™       | Opportunity to customize an NCCN Academy agenda that best aligns with organizations’ particular needs and interests | • One NCCN Customized Academy program was held in 2020  
• 200 attendees |
| NCCN Global Academy for Excellence & Leadership in Oncology™           | Interactive program focused on pressing issues in the global oncology environment | • 240 attendees |
| NCCN Corporate Council                                                 | Members work to enhance collaborative efforts among pharmaceutical, biotechnology, and diagnostic companies and NCCN to better serve patients | • Two 2020 NCCN Corporate Council meetings were held virtually  
• 90 members |
| NCCN Global Corporate Council                                          | Advances the development and expansion of NCCN Global programs by providing the opportunity for open dialogue, collaboration, and support of NCCN’s mission and vision outside the United States | • The 2020 meeting was held virtually  
• 21 members |
NCCN Stakeholder Engagement by the Numbers

>1,100
People attended Virtual NCCN Academy programs

>71,000
Pocket-Sized NCCN Guidelines distributed

90
Corporate Council members

73
Health Information Technology companies licensed NCCN Content
Throughout 2020, NCCN continued to collaborate with healthcare and health policy stakeholders to ensure that NCCN effectively influenced policy in support of our mission and vision.

To facilitate patient access to quality care as recommended by NCCN Guidelines, NCCN collaborates with stakeholders to improve and facilitate quality cancer care and ensure use of NCCN Guidelines in health policy and coverage determination and patient accessibility to guideline-concordant care.

New in 2020

Following the announcement of the United States’ departure from the World Health Organization (WHO), NCCN led two coalition letters in support of continued US participation in and funding of the WHO and its global cancer care programs.

The first letter was sent to the Trump Administration in July 2020 urging them to reconsider the withdrawal from the WHO. The second letter was sent to Senate leadership in support of appropriating funding for the WHO. The coalition of signatories included national organizations that represent patients, hematology and oncology care providers, researchers, and caregivers. The letters specifically show support of the WHO efforts in the prevention and management of cancer and discuss the impact that withdrawal could have on researchers working within the United States. The letters also included support for the WHO Global Initiative for Childhood Cancer and the WHO’s Cervical Cancer Elimination Initiative.
NCCN Policy Programs

NCCN Policy Summits

• Accelerating Advances in Cancer Care Research: A Lookback at the 21st Century Cures Act in 2020
  March 5, 2020 Work Group and June 10, 2020 Live Webinar | 463 participants
  The Work Group, consisting of 19 members, convened to discuss the 21st Century Cures Act's impact on the oncology community since enactment and identified the remaining gaps and challenges. The Work Group created seven policy recommendations presented at the policy summit.

  The Policy Summit explored the successes and barriers to the implementation of the 21st Century Cures Act provisions related to cancer care. The summit included discussions on the impact of real world data and real world evidence, patient data, interoperability, patient-centric oncology care, clinical trials, and patient access to their personal health data. Congresswoman Diana DeGette (D-CO) and Congressman Fred Upton (R-MI) also discussed the second iteration of the Cures Act and future policy initiatives.

• Innovative Solutions to Drive Down Healthcare Costs: Implications for Access to High-Quality Cancer Care
  September 9, 2020 Live Webinar | 592 participants
  Presented diverse perspectives related to emerging proposals and models to drive down healthcare costs in the United States and their potential impact on access to high-quality cancer care.

  Experts discussed trends in legislative and regulatory efforts to reduce health costs, the current state of value-based payment models, and the impact of diagnostic testing and increasingly personalized medicine on cost.

NCCN Patient Advocacy Summit

• Cancer Care Across the Lifespan
  December 10, 2020 Live Webinar | 488 participants
  NCCN completed an environmental scan with 18 patient advocacy organizations and individual patients to inform the Policy Summit content.

  The summit explored how the patient experience varies across age, stage of life, and the overall care continuum. It also identified existing challenges to and opportunities for providing quality, effective, efficient, and accessible cancer care across the patient lifespan.

NCCN State Oncology Society Forum

• NCCN State Oncology Society Forum
  March 19, 2020 Live Webinar | 34 societies participated
  Provided an opportunity to discuss networks of excellence, the variable needs and goals of individual state societies, emerging value-based models in oncology, and the use of NCCN Content as an alternative to traditional prior authorization.
NCCN Policy by the Numbers

29
Articles, statements, comment letters, and endorsement letters
written by the NCCN Policy team

42
State Oncology Societies engaged

23
Virtual legislative visits
The NCCN Continuing Education (CE) Program presented educational opportunities in safe and innovative formats throughout 2020, improving patient outcomes by educating oncology care teams on the application of evidence-based medicine and the NCCN Guidelines.

The NCCN CE Program focuses on providing the tools necessary to improve the quality, effectiveness, and efficiency of cancer care in everyday practice to help patients with cancer. NCCN educational content covers more than 30 areas of cancer care, and participants can find options tailored by practice type and learning style.
Continuing Education Activities

NCCN Annual Conference
Virtual sessions to share and discuss the latest cancer therapies and provide updates on selected NCCN Guidelines, the data upon which the NCCN Guidelines are based, and quality initiatives in oncology

<table>
<thead>
<tr>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCN 2020 Virtual Annual Conference</td>
<td>• Recorded webcast viewers: 8,434</td>
</tr>
<tr>
<td>NCCN 2020 Virtual Nursing Program: Advancing Oncology Nursing™</td>
<td>• Live webinar attendees: 1,975</td>
</tr>
<tr>
<td></td>
<td>• Recorded webinar viewers: 4,139</td>
</tr>
<tr>
<td>NCCN 2020 Virtual Oncology Fellows Program: New Horizons in Quality</td>
<td>• Recorded webinar viewers: 1,479</td>
</tr>
<tr>
<td>Cancer Care™</td>
<td></td>
</tr>
<tr>
<td>NCCN Annual Conference Satellite Symposium: New Approaches to</td>
<td>• Live webinar attendees: 247</td>
</tr>
<tr>
<td>Multiple Myeloma Therapy</td>
<td>• Recorded webinar viewers: 940</td>
</tr>
</tbody>
</table>

NCCN Annual Congress
Live virtual annual meeting where world-renowned experts in hematologic malignancies discuss the latest treatment advances, updates to the standard of care as recommended in NCCN Guidelines, and challenging patient cases

<table>
<thead>
<tr>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCN 2020 Virtual Annual Congress: Hematologic Malignancies™</td>
<td>• October 9 – 10, 2020</td>
</tr>
<tr>
<td></td>
<td>• Live webinar attendees: 876</td>
</tr>
<tr>
<td></td>
<td>• Recorded webinar viewers: 3,969</td>
</tr>
<tr>
<td>NCCN 2020 Virtual Nursing Forum: Advancing Oncology Nursing in</td>
<td>• October 8, 2020</td>
</tr>
<tr>
<td>Hematologic Malignancies™</td>
<td>• Live webinar attendees: 433</td>
</tr>
<tr>
<td></td>
<td>• Recorded webinar viewers: 198</td>
</tr>
</tbody>
</table>

NCCN Congress Series™
Live meetings held regionally by disease site to educate healthcare professionals on current and emerging scientific data that leads to evidence-based treatment decisions

<table>
<thead>
<tr>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCN 2020 Congress Series™: Breast Cancer with Updates from the</td>
<td>• February 7, 2020, Chicago, IL</td>
</tr>
<tr>
<td>2019 San Antonio Breast Cancer Symposium</td>
<td>• Meeting attendees: 193</td>
</tr>
<tr>
<td></td>
<td>• Recorded webinar viewers: 7,500</td>
</tr>
</tbody>
</table>
### NCCN Webinar Series

<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
<th>Audience Statistics</th>
</tr>
</thead>
</table>
| **NCCN Monthly Oncology Tumor Board Series™:** A Multidisciplinary Approach to Individualized Patient Care | Series of 12 multidisciplinary case-based live webinars on the management of patients with various cancer types                                                                                                                                                 | Live webinar attendees: 2,715  
Recorded webcast viewers: 1,736                                                                 |
| **NCCN Pharmacy Updates: Webinar Series**                              | Webinar series designed for pharmacists and the oncology care team to review the clinical and patient considerations that influence how to effectively optimize the management of patients with various cancer types                                                                 | Live webinar attendees: 3,869  
Recorded webcast viewers: 1,249                                                                 |

### Additional NCCN Educational Activities

<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
<th>Audience Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NCCN Guidelines® Insights</strong></td>
<td>Summaries of select topics discussed by NCCN Guidelines Panels published monthly in <em>JNCCN</em></td>
<td>Participants: 2,785</td>
</tr>
<tr>
<td><strong>Chronic Lymphocytic Leukemia Patient Management Simulator</strong></td>
<td>Simulator designed to ensure that the oncology care team has the knowledge and skills necessary to apply the standards of care to their practice and healthcare setting for patients with CLL</td>
<td>Participants: 746</td>
</tr>
</tbody>
</table>
| **Immuno-oncology Combinations in Advanced Renal Cell Carcinoma:** Building on Recent Progress for Community Practices | Live community practice-based programs designed to help the oncology care team integrate recent findings into the treatment of their patients with RCC                                                                 | Live webinar attendees: 373  
Recorded webcast viewers: 1,621                                                                 |
| **Practical Application of Immuno-Oncology in Renal Cell Carcinoma**   | Live Satellite Symposium at 2020 ASCO. Genitourinary Cancers Symposium (GuCS) and webinar series designed to highlight practice-changing clinical data, expert recommendations, and guidelines to optimize the care of their patients with RCC | Meeting attendees: 265  
Live webinar attendees: 556  
Recorded webcast viewers: 415                                                                 |
<table>
<thead>
<tr>
<th>Event</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Therapeutic Developments in Urothelial Cancer: Clinical Trial</td>
<td>Virtual satellite symposium at the 2020 AACR Annual Meeting and follow-up webinar to help the oncology care team integrate new agents and recent findings into the treatment of patients with urothelial cancer</td>
</tr>
<tr>
<td>Evidence and Expert Guidance</td>
<td>• Live webinar attendees: 511</td>
</tr>
<tr>
<td></td>
<td>• Recorded webcast viewers: 328</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>AML: Using Available Evidence and Guidelines to Make Sense of a</td>
<td>Satellite Symposium preceding the 62nd ASH Annual Meeting and Exposition designed to help learners apply practice-changing clinical data and expert recommendations to optimize clinical outcomes for their patients with AML</td>
</tr>
<tr>
<td>Rapidly Evolving Treatment Paradigm</td>
<td>• Live webinar attendees: 962</td>
</tr>
<tr>
<td></td>
<td>• Recorded webcast launched in December 2020</td>
</tr>
<tr>
<td>Application of Individualized Treatment for</td>
<td>Satellite Symposium preceding the 62nd ASH Annual Meeting and Exposition designed to help learners apply practice-changing clinical data and expert recommendations to optimize the use current/emerging therapeutic strategies in the care of their patients with CL\LL/SLL</td>
</tr>
<tr>
<td>CLL/SLL: Novel Agents, Combinations, and Sequencing Therapy</td>
<td>• Live webinar attendees: 817</td>
</tr>
<tr>
<td></td>
<td>• Recorded webcast launched in December 2020</td>
</tr>
</tbody>
</table>
NCCN Education by the Numbers

171
CE activities

>62,700
Total participants

>33,400
CE credits earned
A Timeline of NCCN’s Commitment to Improving the Lives of People with Cancer
1995 - 1999

1995

NCCN is announced as a national alliance to develop and institute standards of care for the treatment of cancer and perform outcomes research.

The 13 Original Member Institutions are:

- Fred & Pamela Buffett Cancer Center
- City of Hope National Medical Center
- Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
- Fox Chase Cancer Center
- Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance
- The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
- Robert H. Lurie Comprehensive Cancer Center of Northwestern University
- Memorial Sloan Kettering Cancer Center
- The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
- St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center
- Stanford Cancer Institute
- University of Michigan Rogel Cancer Center
- The University of Texas MD Anderson Cancer Center

NCCN Board of Directors Chair:

- Joseph V. Simone, MD
  Memorial Sloan Kettering Cancer Center

1996

The first set of NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) are published to assist in the decision-making process of individuals involved in cancer care to improve patient care and outcomes.

The first NCCN Annual Conference attracts 300 attendees to learn about the latest advances in oncology care.

New NCCN Member Institutions:

- Roswell Park Cancer Institute
- O’Neal Comprehensive Cancer Center at UAB

1997

New NCCN Member Institution:

- Huntsman Cancer Institute at the University of Utah

NCCN Board of Directors Chair:

- Robert C. Young, MD
  Fox Chase Cancer Center

1998

NCCN.org launches.

New NCCN Member Institution:

- Moffitt Cancer Center

1999

NCCN establishes what is now known as the Oncology Research Program (ORP) to facilitate all phases of clinical research and initiate trials at NCCN Member Institutions.
2000
New NCCN Member Institution:
• UCSF Helen Diller Family Comprehensive Cancer Center

2001
New NCCN Member Institution:
• Duke Cancer Institute

NCCN Board of Directors Chair:
• William P. Vaughan, MD, MBA
  O’Neal Comprehensive Cancer Center at UAB

2002
By March 2002, the NCCN Guidelines were available free on NCCN.org for non-commercial use.

2003
The first issue of JNCCN–Journal of the National Comprehensive Cancer Network is published.

2004
The first chapter of the NCCN Drugs & Biologics Compendium (NCCN Compendium®) is available as authoritative, scientifically derived information designed to support decision making about the appropriate use of drugs and biologics in patients with cancer.

NCCN Board of Directors Chair:
• David C. Hohn, MD
  Roswell Park Comprehensive Cancer Center
2005 - 2009

2006
New NCCN Member Institution:
• Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

NCCN holds its first Annual Congress: Hematologic Malignancies™ and attracts 365 attendees.

2007
New NCCN Member Institution:
• Vanderbilt-Ingram Cancer Center

NCCN Board of Directors Chair:
• Al B. Benson III, MD
  Robert H. Lurie Comprehensive Cancer Center of Northwestern University

2008
The NCCN Compendium® is recognized by public and private insurers alike, including, but not limited to, the Centers for Medicare & Medicaid Services (CMS) and UnitedHealthcare, as an authoritative reference for oncology coverage policy.

The first NCCN Chemotherapy Order Templates (NCCN Templates®) are published to improve the safe use of drugs and biologics in cancer care.

2009
NCCN launches its first patient site, which later becomes NCCN.org/patients.

NCCN launches its first live webinar program attracting over 230 attendees. The webinar focused on Non-Small Cell Lung Cancer.

The NCCN Oncology Policy Program launches.
2010

The NCCN Foundation® is created to empower people living with cancer and advance oncology innovation.

The first NCCN Guidelines for Patients® funded by NCCN Foundation are published.

NCCN Board of Directors Chair:
- Thomas A. D’Amico, MD
  Duke Cancer Institute

2012

NCCN Biomarkers Compendium® becomes available on NCCN.org to support decision making around the use of biomarker testing in patients with cancer.

2013

NCCN launches NCCN Guidelines apps for smartphones.

First General Poster Session is featured at the NCCN Annual Conference.

New NCCN Member Institutions:
- UC San Diego Moores Cancer Center
- University of Colorado Cancer Center

NCCN Board of Directors Chair:
- Samuel M. Silver, MD, PhD
  University of Michigan Rogel Cancer Center

2014

NCCN Guidelines for Patients® become available for purchase on Amazon.com.

NCCN reaches a record high of more than six million PDF downloads of the NCCN Guidelines from NCCN.org and mobile apps.

New NCCN Member Institutions:
- Mayo Clinic Cancer Center
- Yale Cancer Center/Smilow Cancer Hospital

2015


NCCN launches NCCN Guidelines with NCCN Evidence Blocks™.

New NCCN Member Institution:
- Case Comprehensive Cancer Center/
  University Hospitals Seidman Cancer Center
  and Cleveland Clinic Taussig Cancer Institute
2016
NCCN launches NCCN Imaging Appropriate Use Criteria (NCCN Imaging AUC™).
NCCN Guidelines for Patients® become available via mobile app.
NCCN launches Just Bag It!: The NCCN Campaign for Safe Vincristine Handling to call for all cancer treatment providers to adopt safe handling of vincristine, a chemotherapy medication used to treat a number of types of cancer.
New NCCN Member Institution:
- University of Wisconsin Carbone Cancer Center
NCCN Board of Directors Chair:
- Timothy J. Eberlein, MD
  Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

2017
One million registered users access the NCCN Guidelines® and related content.
NCCN launches NCCN Radiation Therapy Compendium™.
JNCCN 360 is launched.
NCCN launches NCCN Harmonized Guidelines™ for Sub-Saharan Africa.

2018
Downloads of the NCCN Guidelines surpasses 10 million per year.
NCCN creates NCCN Harmonized Guidelines™ for the Caribbean.
NCCN moves to new headquarters in Plymouth Meeting, Pennsylvania.
New NCCN Member Institution:
- Abramson Cancer Center at the University of Pennsylvania

2019
NCCN publishes NCCN Guidelines® for Pediatric Acute Lymphoblastic Leukemia (ALL)—the first of several new pediatric cancer guidelines.
NCCN Board of Directors Chair:
- Ronald S. Walters, MD, MBA, MHA, MS
  The University of Texas MD Anderson Cancer Center

2020
NCCN collaborates with experts from Member Institutions to create COVID-19 resources for the oncology community.
As a result of the Just Bag It! public service campaign, the FDA removes syringe administration from the vincristine label to prevent accidental death.
Library of NCCN Guidelines for Patients surpasses 50.
New NCCN Member Institutions:
- UCLA Jonsson Comprehensive Cancer Center
- UT Southwestern Simmons Comprehensive Cancer Center (SCCC)
In 2020, the NCCN Foundation, the philanthropic arm of NCCN, celebrated 10 years of empowering people living with cancer and advancing oncology innovation. While 2020 was filled with unique challenges, the NCCN Foundation had its best year ever in support of the publication of NCCN Guidelines for Patients®, their derivative products and funding promising young investigators through the NCCN Foundation Young Investigator Awards (YIA) Program.

In 2020, the NCCN Foundation made it possible for NCCN to publish NCCN Guidelines for Patients in nine new cancer topics and 16 updated patient guidelines and to provide two new patient webinar sessions (each broadcast twice), two new patient animations, and 10 language translations.
Funding the NCCN Guidelines for Patients

NCCN Guidelines for Patients are patient-friendly versions of the NCCN Guidelines. They are based on the same treatment information doctors use and help patients, families, and caregivers talk with their clinicians about the best treatment options.

These step-by-step guides to the latest advances in cancer care feature:

- Questions to ask doctors
- Patient-friendly illustrations
- Glossaries of terms and acronyms

Growing Outreach with Collaborators

NCCN Foundation works with more than 115 patient advocacy organizations to collaborate on the NCCN Guidelines for Patients. In 2020, 78 organizations were featured as sponsors and endorsers of at least one of the NCCN Guidelines for Patients.

Growing Patient Webinars

NCCN provides free *Know What Your Doctors Know* webinars for people living with cancer and their caregivers. These live informational programs are created in conjunction with NCCN Guidelines for Patients and supported by the NCCN Foundation. The webinars are also recorded and posted for anyone to view afterward as a value to future patients.

NEW NCCN Guidelines for Patients Published in 2020
## Patient and Caregiver Resources

<table>
<thead>
<tr>
<th>NCCN Guidelines for Patients</th>
<th>Adapted NCCN Guidelines written in plain language to help patients, families, and caregivers talk to clinicians about the best treatment options</th>
</tr>
</thead>
</table>
|                             | • Comprehensive library of 53 Guidelines for Patients
|                             | • Free online at [NCCN.org/patientguidelines](https://NCCN.org/patientguidelines) and via the NCCN Patient Guides for Cancer App |

<table>
<thead>
<tr>
<th>Global Language Translations</th>
<th>NCCN Guidelines for Patients translated from English</th>
</tr>
</thead>
</table>
|                             | • NCCN Guidelines for Patients are translated into 11 languages
|                             | • Used by organizations around the world
|                             | • Free online at [NCCN.org/patientguidelines](https://NCCN.org/patientguidelines) and via the NCCN Patient Guides for Cancer App |

<table>
<thead>
<tr>
<th>Patient Webinars</th>
<th>NCCN Guidelines for Patients presented in a live online informational program</th>
</tr>
</thead>
</table>
|                  | • Two patient webinars were held in 2020, each presented twice
|                  | • Presenters from multiple disciplines including providers, advocates, and patients
|                  | • Q&A section allows audience engagement
|                  | • Archived programs available free online at [NCCN.org/patientvideos](https://NCCN.org/patientvideos) |

<table>
<thead>
<tr>
<th>Patient Animations</th>
<th>NCCN Patient Animations take important concepts from the NCCN Guidelines for Patients and make them easier to comprehend by explaining them via animated videos</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Two patient animations were created in 2020 for metastatic breast cancer</td>
</tr>
</tbody>
</table>

Available free online at [NCCN.org/patients](https://NCCN.org/patients).

---

**In 2020, NCCN Guidelines for Patients had more than 2.2 million downloads by over 1.5 million individuals.**

<table>
<thead>
<tr>
<th>NCCN Guidelines for Patients: Prostate Cancer</th>
<th>Downloads: 126,528</th>
<th>Users: 99,911</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCN Guidelines for Patients: Colon Cancer</td>
<td>Downloads: 88,263</td>
<td>Users: 74,775</td>
</tr>
</tbody>
</table>
Funding the NCCN Foundation Young Investigator Awards (YIA) Program

Since the program’s inception in 2011, the NCCN Foundation has awarded more than $7.2 million to 51 young investigators from NCCN Member Institutions.

The NCCN Foundation YIA Program works with the NCCN Oncology Research Program to identify and nominate the most promising young investigators representing NCCN Member Institutions. Selected young investigators receive vital funding for cancer research to spur treatment innovation and career advancement. Awardee research is highlighted in many scientific healthcare publications and journals.

In 2020, YIA funders included AbbVie, Amgen Inc., AstraZeneca, Incyte Corporation, Merck & Co., Inc., Pfizer Inc, and Pharmcyclics, An AbbVie Company. The NCCN Foundation YIA Program was also supported by a grant from Genentech, a member of the Roche Group.

Together, the 2020 YIA program was granted over $970,000 for research on development of a cure for pediatric acute myeloid leukemia, quantifying remaining disease levels in small cell lung cancer after treatment, ways to increase colorectal cancer screening in community health settings, improving radiation therapy in prostate cancer, developing a more effective treatment for pancreatic cancer, and nutrition and weight loss for breast cancer survivors.

2020 YIA Awardees

Agnieszka Czechowicz, MD, PhD
Assistant Professor of Pediatrics
Stanford University School of Medicine
Development of anti-hKIT Chimeric Antigen Receptor T-Cells as a Dual Hematopoietic Stem Cell Transplantation (HSCT) Conditioning and Immunotherapeutic Agent for Cure of Pediatric Acute Myeloid Leukemia (AML)

Wade Iams, MD
Assistant Professor of Medicine
Vanderbilt University Medical Center
Quantifying Minimal Residual Disease in Patients with Small Cell Lung Cancer
Shivan Mehta, MD, MBA, MSHP  
Assistant Professor of Medicine  
University of Pennsylvania  
Choice Architecture and Mailed Colorectal Cancer Screening Outreach in a Community Health Setting

Omar Mian, MD, PhD  
Assistant Professor and Associate Staff  
Case Comprehensive Cancer Center/ Cleveland Clinic Taussig Cancer Institute  
Modulating Intratumoral Androgen Biosynthesis to Selectively Sensitize Prostate Cancer to Radiotherapy

Mustafa Raoof, MD  
Assistant Clinical Professor  
City of Hope  
Beckman Research Institute  
Targeting Transcription-Replication Conflicts in KRAS-driven Pancreatic Cancer

Jennifer Sheng, MD  
Assistant Professor in Oncology  
Johns Hopkins University  
School of Medicine  
An Adaptive Nutrition and Exercise Weight loss Study for Breast Cancer Survivors
NCCN Foundation by the Numbers

53
Total NCCN Guidelines for Patients

>570
Participants who attended four patient webinar sessions

9
New NCCN Guidelines for Patients

>180
Agreements to collaborate on and support the NCCN Guidelines for Patients

16
Updated NCCN Guidelines for Patients

2.2 million
Downloads of the NCCN Guidelines for Patients

2
New Patient Education Animations

1.5 million
Individual users of the NCCN Guidelines for Patients
NCCN Foundation Leadership and Supporters

NCCN Foundation Board of Directors

The NCCN Foundation Board of Directors comprises volunteers with diverse backgrounds and experiences, all of whom share a passion for the mission of the NCCN Foundation. They generously volunteer their time to make a difference in the lives of patients with cancer.

Gena Cook / Chair
Concure Oncology

Jack Gentile / Secretary
Harborside Press, LLC

Ray Lynch, CPA, MBA / Treasurer
Fox Chase Cancer Center

Al B. Benson III, MD, FACP, FASCO
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Thomas A. D’Amico, MD
Duke Cancer Institute

Denise Reinke, NP, MS
University of Michigan

Marc Samuels, JD, MPH
ADVI

Sara Silacci
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Susan Stein, MPH
Agios Pharmaceuticals

NCCN Foundation Finance Committee

Gena Cook
Concure Oncology

Ray Lynch, CPA, MBA
Fox Chase Cancer Center

Susan Stein, MPH
Agios Pharmaceuticals

2020 Individual Donors

NCCN Foundation gratefully recognizes support from the following individuals.

$10,000 or more

Stacey Starcher & Robert W. Carlson, MD
Anthony Cutrone
Gerry & Jack Gentile
Wui-Jin Koh, MD
Conor Lynch

$5,000 - $9,999

Gena & Dan Cook
Kristina Gregory, MSN, RN, OCN
Marc Samuels, JD, MPH
Marianne & Gary Weyhmuller

$1,000 - $4,999

Nadeem R. Abu-Rustum, MD
Aref Al-Kali, MD
Pamela S. Becker, MD, PhD & F. Marc Stewart, MD
Massimo Cristofanilli, MD
Nancy Dalpiaz, RN, BSN
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Yvonne A. Efepera, MD, MPH
Nate Gosse, PhD

Additional Supporters

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Ronald S. Walters, MD, MBA, MHA, MS
Robert C. Young, MD

$500 - $999

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Natalie S. Callander, MD
Crystal S. Denlinger, MD, FACP
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Leora Horn, MD, MSc, FRCPC
Ann Karosas
Linda Leach
Mary Ellen Martelli
David G. Pfister, MD
Warren Smedley
Theodoros Teknos, MD

$500 - $999

Alanah Fitch, PhD & Al Benson III, MD, FACP, FASCO
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Natalie S. Callander, MD
Crystal S. Denlinger, MD, FACP
Beth Gaffney
Kristina Griffin
Leora Horn, MD, MSc, FRCPC
Ann Karosas
Linda Leach
Mary Ellen Martelli
David G. Pfister, MD
Warren Smedley
Theodoros Teknos, MD
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University of Colorado Cancer Center

Sharon H. Giordano, MD, MPH
The University of Texas MD Anderson Cancer Center

Matthew P. Goetz, MD
Mayo Clinic Cancer Center

Lori J. Goldstein, MD
Fox Chase Cancer Center

Sara A. Hurvitz, MD
UCLA Jonsson Comprehensive Cancer Center

Steven J. Isakoff, MD, PhD
Dana-Farber/Brigham and Women's Cancer Center | Massachusetts General Hospital Cancer Center

Rachel C. Jankowitz, MD
Abramson Cancer Center at the University of Pennsylvania

Sara H. Javid, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Jairam Krishnamurthy, MD, FACP
Fred & Pamela Buffett Cancer Center

Marilyn Leitch, MD
UT Southwestern Simmons Comprehensive Cancer Center

Janice Lyons, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

P. Kelly Marcom, MD
Duke Cancer Institute

Ingrid A. Mayer, MD, MSCI
Vanderbilt-Ingram Cancer Center

Joanne E. Mortimer, MD, FACP
City of Hope National Medical Center

Ruth M. O’Regan, MD
University of Wisconsin Carbone Cancer Center

Sameer A. Patel, MD, FACS
Fox Chase Cancer Center

Lori J. Pierce, MD
University of Michigan Rogel Cancer Center

Hope S. Rugo, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Amy M. Sitapati, MD
UC San Diego Moores Cancer Center

Karen Lisa Smith, MD, MPH
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Mary Lou Smith, MBA, JD
Research Advocacy Network

Hatem Soliman, MD
Moffitt Cancer Center

Erica M. Stringer-Reasor, MD
O’Neal Comprehensive Cancer Center at UAB

Melinda L. Telli, MD
Stanford Cancer Institute

John H. Ward, MD
Huntsman Cancer Institute at the University of Utah

Jessica S. Young, MD
Roswell Park Comprehensive Cancer Center

Central Nervous System Cancers Panel
Louis B. Nabors, MD / Chair
O’Neal Comprehensive Cancer Center at UAB

Jana Portnow, MD / Vice-Chair
City of Hope National Medical Center

Manmeet Ahluwalia, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Joachim Baehringer, MD
Yale Cancer Center/Smilow Cancer Hospital

Steven Brem, MD
Abramson Cancer Center at the University of Pennsylvania

Nicholas Butowski, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Jian L. Campian, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Stephen W. Clark, MD, PhD, MSCI
Vanderbilt-Ingram Cancer Center

Andrew J. Fabiano, MD
Roswell Park Comprehensive Cancer Center

Peter Forsyth, MD
Moffitt Cancer Center

Pierre Giglio, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jona Hattangadi-Gluth, MD
UC San Diego Moores Cancer Center

Matthias Holdhoff, MD, PhD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Craig Horbinski, MD, PhD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Larry Junck, MD
University of Michigan Rogel Cancer Center
Thomas Kaley, MD
Memorial Sloan Kettering Cancer Center

Priya Kumthekar, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Jay S. Loeffler, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Bruce Mickey, MD
UT Southwestern Simmons Comprehensive Cancer Center

Maciej M. Mrugala, MD, PhD, MPH
Mayo Clinic Cancer Center

Seema Nagpal, MD
Stanford Cancer Institute

Phioanh L. Nghiemphu, MD
UCLA Jonsson Comprehensive Cancer Center

Ian Parney, MD, PhD
Mayo Clinic Cancer Center

Katherine B. Peters, MD, PhD, FAAN
Duke Cancer Institute

Vinay Puduvalli, MD
The University of Texas MD Anderson Cancer Center

Ian Robins, MD, PhD
University of Wisconsin Carbone Cancer Center

Jason Rockhill, MD, PhD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Chad Rusthoven, MD
University of Colorado Cancer Center

Nicole Shonka, MD
Fred & Pamela Buffett Cancer Center

Dennis C. Shrieve, MD, PhD
Huntsman Cancer Institute at the University of Utah

Lode J. Swinnen, MBChB
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Alva Weir, MD
St. Jude Children’s Research Hospital/University of Tennessee Health Science Center

Stephanie E. Weiss, MD
Fox Chase Cancer Center

Patrick Y. Wen, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Nicole E. Willmarth, PhD
American Brain Tumor Association

Cervical/Uterine Cancers Panel

Nadeem R. Abu-Rustum, MD / Chair
Memorial Sloan Kettering Cancer Center

Catheryn M. Yashar, MD / Vice-Chair
UC San Diego Moores Cancer Center

Kristin Bradley, MD
University of Wisconsin Carbone Cancer Center

Susana M. Campos, MD, MPH, MS
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Hye Sook Chon, MD
Moffitt Cancer Center

Christina S. Chu, MD
Fox Chase Cancer Center

Lani K. Clinton, MD, PhD
Duke Cancer Institute

David Cohn, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Marta Ann Crispens, MD
Vanderbilt-Ingram Cancer Center

Shari Damast, MD
Yale Cancer Center/Smilow Cancer Hospital

Elisabeth J. Diver, MD
Stanford Cancer Institute

Christine M. Fisher, MD, MPH
University of Colorado Cancer Center

Peter Frederick, MD
Roswell Park Comprehensive Cancer Center

David K. Gaffney, MD, PhD
Huntsman Cancer Institute at the University of Utah

Suzanne George, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Robert L. Giuntoli II, MD
Abramson Cancer Center at the University of Pennsylvania

Ernest S. Han, MD, PhD
City of Hope National Medical Center

Warner K. Huh, MD
O’Neal Comprehensive Cancer Center at UAB

Jayanthi Lea, MD
UT Southwestern Simmons Comprehensive Cancer Center

Andrea Mariani, MD
Mayo Clinic Cancer Center

David G. Mutch, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Christa I. Nagel, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Larissa Nekhlyudov, MD, MPH
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Steven W. Remmenga, MD
Fred & Pamela Buffett Cancer Center

R. Kevin Reynolds, MD
University of Michigan Rogel Cancer Center

Ritu Salani, MD, MBA
UCLA Jonsson Comprehensive Cancer Center

Rachel Sisodia, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Pamela T. Soliman, MD, MPH
The University of Texas MD Anderson Cancer Center

Edward Tanner, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Todd D. Tillmanns, MD
West Cancer Center

Stefanie Ueda, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Renata R. Urban, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Stephanie L. Wethington, MD, MSc
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Emily A. Wyse
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance
Chronic Myeloid Leukemia Panel

Michael W. Deininger, MD, PhD / Chair
Huntsman Cancer Institute at the University of Utah

Neil P. Shah, MD, PhD / Vice-Chair
UCSF Helen Diller Family Comprehensive Cancer Center

Jessica K. Altman, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Ellin Berman, MD
Memorial Sloan Kettering Cancer Center

Ravi Bhatia, MD
O’Neal Comprehensive Cancer Center at UAB

Bhavana Bhatnagar, DO
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Robert Collins, MD
UT Southwestern Simmons Comprehensive Cancer Center

Peter T. Curtin, MD
City of Hope National Medical Center

Daniel J. DeAngelo, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Jason Gotlib, MD, MS
Stanford Cancer Institute

Gabriela S. Hobbs, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Lori J. Maness, MD
Fred & Pamela Buffett Cancer Center

Monica Mead, MD
UCLA Jonsson Comprehensive Cancer Center

Leland Metheny, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Sanjay R. Mohan, MD, MSc
Vanderbilt-Ingram Cancer Center

Joseph O. Moore, MD
Duke Cancer Institute

Kiran Naqvi, MD, MPH
The University of Texas MD Anderson Cancer Center

Vivian Oehler, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Arnel M. Pallera, MD
The West Clinic

Minal Patnaik, MD
Mayo Clinic Cancer Center

Keith Pratz, MD
Abramson Cancer Center at the University of Pennsylvania

Iskra Pusic, MD, MSCI
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Michal Rose, MD
Yale Cancer Center/Smilow Cancer Hospital

B. Douglas Smith, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Kendra L. Sweet, MD, MS
Moffitt Cancer Center

Moshe Talpaz, MD
University of Michigan Rogel Cancer Center

Tiffany N. Tanaka, MD
UC San Diego Moores Cancer Center

James Thompson, MD, MS
Roswell Park Comprehensive Cancer Center

David T. Yang, MD
University of Wisconsin Carbone Cancer Center

CLL/SLL/Hairy Cell Leukemia Panel

William G. Wierda, MD, PhD / Chair
The University of Texas MD Anderson Cancer Center

John C. Byrd, MD / Vice-Chair
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jeremy S. Abramson, MD, MMSc
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Farrukh Awang, MD
UT Southwestern Simmons Comprehensive Cancer Center

Syed F. Bilgrami, MD
Yale Cancer Center/Smilow Cancer Hospital

Greg Bociek, MD, MSc
Fred & Pamela Buffett Cancer Center

Danielle Brander, MD
Duke Cancer Institute

Jennifer R. Brown, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Asher A. Chanan-Khan, MD
Mayo Clinic Cancer Center

Steven E. Coutre, MD
Stanford Cancer Institute

Randall S. Davis, MD
O’Neal Comprehensive Cancer Center at UAB

Herbert Eradat, MD, MS
UCLA Jonsson Comprehensive Cancer Center

Christopher D. Fletcher, MD
University of Wisconsin Carbone Cancer Center

Sameh Gaballa, MD
Moffitt Cancer Center

Armin Ghobadi, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Brian Hill, MD, PhD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Manali Kamdar, MD
University of Colorado Cancer Center

Lawrence D. Kaplan, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Nadia Khan, MD
Fox Chase Cancer Center

Thomas J. Kipps, MD, PhD
UC San Diego Moores Cancer Center

Shuo Ma, MD, PhD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Anthony Mato, MD
Memorial Sloan Kettering Cancer Center

Claudio Mosse, MD, PhD
Vanderbilt-Ingram Cancer Center

Stephen J. Schuster, MD
Abramson Cancer Center at the University of Pennsylvania

Mazyar Shadman, MD, MPH
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance
Tanya Siddiqi, MD  
City of Hope National Medical Center

Deborah Stephens, DO  
Huntsman Cancer Institute  
at the University of Utah

Suchitra Sundaram, MD  
Roswell Park Comprehensive Cancer Center

Nina Wagner-Johnston, MD  
The Sidney Kimmel Comprehensive  
Cancer Center at Johns Hopkins

Sarah E. Hoffs, MD  
Moffitt Cancer Center

Joleen Hubbard, MD  
Mayo Clinic Cancer Center

Steven Hunt, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Kimberly L. Johung, MD, PhD  
Yale Cancer Center/Smilow Cancer Hospital

Natalie Kirilcuk, MD  
Stanford Cancer Institute

John M. Skibber, MD  
The University of Texas  
MD Anderson Cancer Center

Constantinos T. Sofocleous, MD, PhD,  
FCSIE, FSIR  
Memorial Sloan Kettering Cancer Center

Elena M. Stoffel, MD, MPH  
University of Michigan Rogel Cancer Center

Eden Stotsky-Himelfarb, BSN, RN  
The Sidney Kimmel Comprehensive  
Cancer Center at Johns Hopkins

Christopher G. Willett, MD  
Duke Cancer Institute

Colon/Rectal/Anal Cancers Panel

Al B. Benson III, MD, FACP, FASCO  
Chair  
Robert H. Lurie Comprehensive Cancer Center at Northwestern University

Alan P. Venook, MD, FASCO  
Vice-Chair  
UCSF Helen Diller Family Comprehensive Cancer Center

Mahmoud M. Al-Hawary, MD  
University of Michigan Rogel Cancer Center

Mustafa A. Arain, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Yi-Jen Chen, MD, PhD  
City of Hope National Medical Center

Kristen K. Ciombor, MD  
Vanderbilt-Ingram Cancer Center

Stacey A. Cohen, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Harry S. Cooper, MD  
Fox Chase Cancer Center

Dustin A. Deming, MD  
University of Wisconsin  
Carbone Cancer Center

Linda M. Farkas, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Ignacio Garrido-Laguna, MD, PhD  
Huntsman Cancer Institute  
at the University of Utah

Jean L. Grem, MD  
Fred & Pamela Buffett Cancer Center

Andrew J. Gunn, MD  
O'Neal Comprehensive Cancer Center at UAB

J. Randolph Hecht, MD  
UCLA Jonsson  
Comprehensive Cancer Center

Esophageal/Gastric Cancers Panel

Jaffer A. Ajani, MD  
Chair  
The University of Texas  
MD Anderson Cancer Center

Thomas A. D'Amico, MD  
Vice-Chair  
Duke Cancer Institute

David J. Bentrem, MD, MS  
Robert H. Lurie Comprehensive Cancer Center  
of Northwestern University

Joseph Chao, MD  
City of Hope National Medical Center

Samantha Collier, MD, MBA  
Collier Healthcare Solutions

Carlos U. Corvera, MD, FACS  
UCSF Helen Diller Family Comprehensive Cancer Center

Prajnan Das, MD, MPH, MS  
The University of Texas  
MD Anderson Cancer Center

Crystal S. Denlinger, MD, FACP  
Fox Chase Cancer Center

Peter C. Enzinger, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Thomas Enzler, MD, PhD  
University of Michigan Rogel Cancer Center

Paul T. Fanta, MD  
UC San Diego Moores Cancer Center

Farhood Farjah, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Hans Gerdes, MD  
Memorial Sloan Kettering Cancer Center

Michael Gibson, MD, PhD, FACP  
Vanderbilt-Ingram Cancer Center
Steven Hochwald, MD
Roswell Park Comprehensive Cancer Center

Wayne L. Hofstetter, MD
The University of Texas MD Anderson Cancer Center

David H. Ilson, MD, PhD
Memorial Sloan Kettering Cancer Center

Kimberly L. Johung, MD, PhD
Yale Cancer Center/Smilow Cancer Hospital

Rajesh N. Keswani, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Sunnie Kim, MD
University of Colorado Cancer Center

Lawrence R. Kleinberg, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Samuel J. Klempner, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Quan Ly, MD
Fred & Pamela Buffett Cancer Center

Kristina A. Matkowskyj, MD, PhD
University of Wisconsin Carbone Cancer Center

Michael J. McNamara, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Mary F. Mulcahy, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Haeseong Park, MD, MPH
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Kyle A. Perry, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jose M. Pimiento, MD
Moffitt Cancer Center

George A. Poultsides, MD, MS, FACS
Stanford Cancer Institute

Scott Reznik, MD
UT Southwestern Simmons Comprehensive Cancer Center

Robert Roses, MD
Abramson Cancer Center at the University of Pennsylvania

Vivian E. Strong, MD
Memorial Sloan Kettering Cancer Center

Hanlin L. Wang, MD, PhD
UCLA Jonsson Comprehensive Cancer Center

Georgia L. Wiesner, MD
Vanderbilt-Ingram Cancer Center

Christopher G. Willett, MD
Duke Cancer Institute

Danny Yakoub, MD, PhD
St. Jude Children’s Research Hospital/University of Tennessee Health Science Center

Harry H. Yoon, MD
Mayo Clinic Cancer Center

Head and Neck Cancers Panel

David G. Pfister, MD / Chair
Memorial Sloan Kettering Cancer Center

Sharon Spencer, MD / Vice-Chair
O’Neal Comprehensive Cancer Center at UAB

Douglas R. Adkins, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

David M. Brizel, MD
Duke Cancer Institute

Paul M. Busse, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Jimmy J. Caudell, MD, PhD
Moffitt Cancer Center

Anthony Cmelak, MD
Vanderbilt-Ingram Cancer Center

A. Dimitrios Colevas, MD
Stanford Cancer Institute

David W. Eisele, MD, FACS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Robert L. Foote, MD, FACR, FASTRO
Mayo Clinic Cancer Center

Thomas J. Galloway, MD
Fox Chase Cancer Center

Jessica Geiger, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Maura L. Gillison, MD, PhD
The University of Texas MD Anderson Cancer Center

Robert I. Haddad, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Wesley L. Hicks, Jr., MD
Roswell Park Comprehensive Cancer Center

Ying J. Hitchcock, MD
Huntsman Cancer Institute at the University of Utah

Antonio Jimeno, MD, PhD
University of Colorado Cancer Center

Debra S. Leizman, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Ellie Maghami, MD, FACS
City of Hope National Medical Center

Loren K. Mell, MD
UC San Diego Moores Cancer Center

Bharat B. Mittal, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Harlan A. Pinto, MD
Stanford Cancer Institute

James W. Rocco, MD, PhD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Cristina P. Rodriguez, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

David Schwartz, MD
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Jatin P. Shah, MD, PhD
Memorial Sloan Kettering Cancer Center

David Sher, MD
UT Southwestern Simmons Comprehensive Cancer Center

Maie St. John, MD, PhD
UCLA Jonsson Comprehensive Cancer Center

Francis P. Worden, MD
University of Michigan Rogel Cancer Center
Hepatobiliary Cancers Panel

Al B. Benson III, MD, FACP, FASCO / Chair
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Michael I. D'Angelica, MD / Vice-Chair
Memorial Sloan Kettering Cancer Center

Daniel E. Abbott, MD
University of Wisconsin Carbone Cancer Center

Daniel A. Anaya, MD
Moffitt Cancer Center

Robert Anders, MD, PhD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Chandrakanth Are, MBBS, MBA, FACS, FRCS
Fred & Pamela Buffett Cancer Center

Melinda Bachini
Cholangiocarcinoma Foundation

Mitesh J. Borad, MD
Mayo Clinic Cancer Center

Daniel B. Brown, MD, FSIR
Vanderbilt-Ingram Cancer Center

Adam Burgoyne, MD, PhD
UC San Diego Moores Cancer Center

Prabheen Chahal, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Daniel T. Chang, MD
Stanford Cancer Institute

Jordan M. Cloyd, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Anne M. Covey, MD
Memorial Sloan Kettering Cancer Center

Evan S. Glazer, MD, PhD, FACS
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Lipika Goyal, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

William G. Hawkins, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Weining Zhen, MD
Fred & Pamela Buffett Cancer Center

Histiocytic Neoplasms Panel

Ronald S. Go, MD / Chair
Mayo Clinic Cancer Center

Eric Jacobsen, MD / Vice-Chair
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Robert Baiocchi, MD, PhD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Ilia Buhtoiarov, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Erin B. Butler, MD
UT Southwestern Simmons Comprehensive Cancer Center

Patrick K. Campbell, MD, PhD
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Don W. Coulter, MD
Fred & Pamela Buffett Cancer Center

Eli Diamond, MD
Memorial Sloan Kettering Cancer Center

Aron Flagg, MD
Yale Cancer Center/Smilow Cancer Hospital

Aaron M. Goodman, MD
UC San Diego Moores Cancer Center

Gaurav Goyal, MD
O’Neal Comprehensive Cancer Center at UAB

Reem Karmali, MD, MS
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Dita Gratzinginger, MD, PhD
Stanford Cancer Institute

Paul C. Hendrie, MD, PhD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Meghan Higman, MD, PhD
Roswell Park Comprehensive Cancer Center

Michael D. Hogarty, MD
Abramson Cancer Center at the University of Pennsylvania

Filip Janku, MD, PhD
The University of Texas MD Anderson Cancer Center

Reem Karmali, MD, MS
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

David Morgan, MD
Vanderbilt-Ingram Cancer Center
Hodgkin Lymphoma Panel

Richard T. Hoppe, MD / Chair
Stanford Cancer Institute

Ranjana H. Advani, MD / Vice-Chair
Stanford Cancer Institute

Weiyun Z. Ai, MD, PhD
UCSF Helen Diller Family Comprehensive Cancer Center

Richard F. Ambinder, MD, PhD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Philippe Armand, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Celeste M. Bello, MD, MSPH
Moffitt Cancer Center

Cecil M. Benitez, MD, PhD
Alameda Health System

Kirsten M. Boughan, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Weina Chen, MD, PhD
UT Southwestern Simmons Comprehensive Cancer Center

Bouthaina Dabaja, MD
The University of Texas MD Anderson Cancer Center

Paola Ghione, MD
Roswell Park Comprehensive Cancer Center

Leo I. Gordon, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Neil Hansen, MD
Fred & Pamela Buffett Cancer Center

Alex F. Herrera, MD
City of Hope National Medical Center

Ephraim P. Hochberg, MD
Dana-Farber/Brighton and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Jiayi Huang, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Patrick B. Johnston, MD, PhD
Mayo Clinic Cancer Center

Mark S. Kaminski, MD
University of Michigan Rogel Cancer Center

Vaishalee P. Kenkre, MD
University of Wisconsin Carbone Cancer Center

Nadia Khan, MD
Fox Chase Cancer Center

Ryan C. Lynch, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Kami Maddocks, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jonathan McConathy, MD, PhD
O’Neal Comprehensive Cancer Center at UAB

Monika Metzger, MD
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

David Morgan, MD
Vanderbilt-Ingram Cancer Center

Carolyn Mulroney, MD
UC San Diego Moores Cancer Center

Sheeja T. Pullarkat, MD
UCF Jonsson Comprehensive Cancer Center

Rachel Rabinovitch, MD
University of Colorado Cancer Center

Karen C. Rosenspire, MD, PhD
Abramson Cancer Center at the University of Pennsylvania

Stuart Seropian, MD
Yale Cancer Center/Smilow Cancer Hospital

Randa Tao, MD
Huntsman Cancer Institute at the University of Utah

Jane N. Winter, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Joachim Yahalom, MD
Memorial Sloan Kettering Cancer Center

Kidney Cancer Panel

Robert J. Motzer, MD / Chair
Memorial Sloan Kettering Cancer Center

Eric Jonasch, MD / Vice-Chair
The University of Texas MD Anderson Cancer Center

Neeraj Agarwal, MD
Huntsman Cancer Institute at the University of Utah

Ajaj Alva, MBBS
University of Michigan Rogel Cancer Center

Kathryn Beckermann, MD, PhD
Vanderbilt-Ingram Cancer Center

Shawna L. Boyle, MD
Fred & Pamela Buffett Cancer Center

Maria I. Carlo, MD
Memorial Sloan Kettering Cancer Center

Toni K. Choueiri, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Brian A. Costello, MD, MS
Mayo Clinic Cancer Center

Ithaar H. Derweesh, MD
UC San Diego Moores Cancer Center

Arpita Desai, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Saby George, MD, FACP
Roswell Park Comprehensive Cancer Center

John L. Gore, MD, MS
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Naomi Haas, MD
Abramson Cancer Center at the University of Pennsylvania

Steven L. Hancock, MD
Stanford Cancer Institute

Payal Kapur, MD
UT Southwestern Simmons Comprehensive Cancer Center

Christos Kyriakopoulos, MD
University of Wisconsin Carbone Cancer Center

Elaine T. Lam, MD
University of Colorado Cancer Center

Clayton Lau, MD
City of Hope National Medical Center

Bryan Lewis, JD
Kidney Cancer Coalition
David C. Madoff, MD  
Yale Cancer Center/Smilow Cancer Hospital

Brandon Manley, MD  
Moffitt Cancer Center

M. Dror Michaelson, MD, PhD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Amir Mortazavi, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Lakshminarayanan Nandagopal, MD  
O’Neal Comprehensive Cancer Center at UAB

Phillip M. Pierorazio, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Elizabeth R. Pлимack, MD, MS  
Fox Chase Cancer Center

Lee Ponsky, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Sundhar Ramalingam, MD  
Duke Cancer Institute

Brian Shuch, MD  
UCLA Jonsson Comprehensive Cancer Center

Zachary L. Smith, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Bradley G. Somer, MD  
West Clinic

Jeffrey A. Sosman, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Melanoma Panel

Susan M. Swetter, MD / Chair  
Stanford Cancer Institute

John A. Thompson, MD / Vice-Chair  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Mark R. Albertini, MD  
University of Wisconsin Carbone Cancer Center

Christopher A. Barker, MD  
Memorial Sloan Kettering Cancer Center

Joel Baumgartner, MD  
UC San Diego Moores Cancer Center

Genevieve Boland, MD, PhD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Bartosz Chmielowski, MD, PhD  
UCLA Jonsson Comprehensive Cancer Center

Dominick DiMaio, MD  
Fred & Pamela Buffett Cancer Center

Alison Durham, MD  
University of Michigan Rogel Cancer Center

Ryan C. Fields, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Martin D. Fleming, MD, FACS  
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Anjela Galan, MD  
Yale Cancer Center/Smilow Cancer Hospital

Brian Gastman, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Kenneth Grossmann, MD, PhD  
Huntsman Cancer Institute at the University of Utah

Samantha Guild, JD  
AIM at Melanoma

Ashley Holder, MD  
O’Neal Comprehensive Cancer Center at UAB

Douglas B. Johnson, MD, MSCI  
Vanderbilt-Ingram Cancer Center

Richard W. Joseph, MD  
Mayo Clinic Cancer Center

Giorgos Karakousis, MD  
Abramson Cancer Center at the University of Pennsylvania

Kari Kendra, MD, PhD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Julie R. Lange, MD, ScM  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Ryan M. Lanning, MD, PhD  
University of Colorado Cancer Center

Kim A. Margolin, MD  
City of Hope National Medical Center

Miguel A. Materin, MD  
Duke Cancer Institute

Anthony J. Olszanski, MD, RPh  
Fox Chase Cancer Center

Patrick A. Ott, MD, PhD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Kumar Rao, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Ramesh Rengan, MD, PhD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Merrick I. Ross, MD  
The University of Texas MD Anderson Cancer Center

April K. Salama, MD  
Duke Cancer Institute

Rohit R. Sharma, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Joseph J. Skitzki, MD  
Roswell Park Comprehensive Cancer Center

Jeffrey A. Sosman, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Evan Wuthrich, MD  
Moffitt Cancer Center

Multiple Myeloma/Systemic Light Chain Amyloidosis/Waldenström’s Macroglobulinemia Panel

Shaji K. Kumar, MD / Chair  
Mayo Clinic Cancer Center

Natalie S. Callander, MD / Vice-Chair  
University of Wisconsin Carbone Cancer Center

Kehinde Adekola, MD, MSCI  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Larry D. Anderson, Jr, MD, PhD  
UT Southwestern Simmons Comprehensive Cancer Center

Muhammed Baljevic, MD  
Fred & Pamela Buffett Cancer Center
Erica Campagnaro, MD
University of Michigan Rogel Cancer Center

Jorge J. Castillo, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Jason C. Chandler, MD
The West Clinic

Caitlin Costello, MD
UC San Diego Moores Cancer Center

Yvonne A. Elebera, MD, MPH
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Matthew Faiman, MD, MBA, FACP
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Alfred Garfall, MD
Abramson Cancer Center at the University of Pennsylvania

Kelly N. Godby, MD
O’Neal Comprehensive Cancer Center at UAB

Jens Hillengass, MD
Roswell Park Comprehensive Cancer Center

Leona A. Holmberg, MD, PhD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Myo Htut, MD
City of Hope National Medical Center

Carol Ann Huff, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Malin Hultcrantz, MD, PhD
Memorial Sloan Kettering Cancer Center

Yubin Kang, MD
Duke Cancer Institute

Sarah Larson, MD
UCLA Jonsson Comprehensive Cancer Center

Michaela Liedtke, MD
Stanford Cancer Institute

Thomas G. Martin, MD
UCSF Helen Diller Family Comprehensive Cancer Center

James L. Ornel, MD
Education and Advocacy

Douglas W. Sborov, MD, MSc
Huntsman Cancer Institute at the University of Utah

Kenneth H. Shain, MD, PhD
Moffitt Cancer Center

Keith Stockerl-Goldstein, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Donna M. Weber, MD
The University of Texas MD Anderson Cancer Center

Myelodysplastic Syndromes Panel

Peter L. Greenberg, MD / Chair
Stanford Cancer Institute

Richard M. Stone, MD / Vice-Chair
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Arif Al-Kali, MD
Mayo Clinic Cancer Center

John M. Bennett, MD
University of Rochester

Andrew M. Brunner, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Wanxing Chai-Ho, MD
UCLA Jonsson Comprehensive Cancer Center

Carlos M. De Castro, MD
Duke Cancer Institute

H. Joachim Deeg, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Amy E. DeZern, MD, MHS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Shira Dinner, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Karim Gaensler, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Guillermo Garcia-Manero, MD
The University of Texas MD Anderson Cancer Center

Elizabeth A. Griffiths, MD
Roswell Park Comprehensive Cancer Center

David Head, MD
Vanderbilt-Ingram Cancer Center

Ruth Horsfall, MSc
Patient Advocate

Robert A. Johnson, MD, FACP
The West Clinic

Mark Juckett, MD
University of Wisconsin Carbone Cancer Center

Sloban Keel, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Samer Khaled, MD
City of Hope National Medical Center

Virginia M. Klimmek, MD
Memorial Sloan Kettering Cancer Center

Qing Li, MD, PhD
University of Michigan Rogel Cancer Center

Yazan Madanat, MD
UT Southwestern Simmons Comprehensive Cancer Center

Lori J. Maness, MD
Fred & Pamela Buffett Cancer Center

James K. Mangan, MD
UC San Diego Moores Cancer Center

Shannon McCurdy, MD
Abramson Cancer Center at the University of Pennsylvania

Christine McMahon, MD
University of Colorado Cancer Center

Aziz Nazha, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Vishnu V. Reddy, MD
O’Neal Comprehensive Cancer Center at UAB

David Sallman, MD
Moffitt Cancer Center

Rory M. Shallis, MD
Yale Cancer Center/Smilow Cancer Hospital

Paul J. Shami, MD
Huntsman Cancer Institute at the University of Utah

Alison Walker, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Peter Westervelt, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine
Myeloproliferative Neoplasms Panel

Aaron T. Gerds, MD, MS / Chair
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Jason Gotlib, MD, MS / Vice-Chair
Stanford Cancer Institute

Haris Ali, MD
City of Hope National Medical Center

Pritthviraj Bose, MD
The University of Texas MD Anderson Cancer Center

Mariana Castells, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Michael W. Deininger, MD, PhD
Huntsman Cancer Institute at the University of Utah

Andrew Dunbar, MD
Memorial Sloan Kettering Cancer Center

Amro Elshoury, MD
Roswell Park Comprehensive Cancer Center

Tracy I. George, MD
Huntsman Cancer Institute at the University of Utah

Krishna Gundabolu, MBBS, FACP
Fred & Pamela Buffett Cancer Center

Elizabeth Hexner, MD
Abramson Cancer Center at the University of Pennsylvania

Gabriela S. Hobbs, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Tania Jain, MBBS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Catriona Jamieson, MD, PhD
UC San Diego Moores Cancer Center

Andrew T. Kuykendall, MD
Moffitt Cancer Center

Yazan Madanat, MD
UT Southwestern Simmons Comprehensive Cancer Center

Brandon McMahon, MD
University of Colorado Cancer Center

Sanjay R. Mohan, MD, MSCI
Vanderbilt-Ingram Cancer Center

Stephen Oh, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Animesh Pardanani, PhD, MBBS
Mayo Clinic Cancer Center

Nikolai Podoltsev, MD, PhD
Yale Cancer Center/Smilow Cancer Hospital

Erik Ranheim, MD, PhD
University of Wisconsin Carbone Cancer Center

Lindsay Rein, MD
Duke Cancer Institute

Rachel Salit, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Brady Stein, MD, MHS
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Moshe Talpaz, MD
University of Michigan Rogel Cancer Center

Pankit Vachhani, MD
O’Neal Comprehensive Cancer Center at UAB

Martha Wadleigh, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Katherine Walsh, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Dawn C. Ward, MD
UCLA Jonsson Comprehensive Cancer Center

Neuroendocrine Tumors Panel

Manisha H. Shah, MD / Chair
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Whitney S. Goldner, MD / Vice-Chair
Fred & Pamela Buffett Cancer Center

Sarimar Agosto Salgado, MD
UT Southwestern Simmons Comprehensive Cancer Center

Al B. Benson III, MD, FACP, FASCO
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Emily Bergsland, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Lawrence S. Blaszczowsky, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Pamela Brock, MS, LGC
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jennifer A. Chan, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Satya Das, MD, MSCI
Vanderbilt-Ingram Cancer Center

Paxton V. Dickson, MD
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Paul T. Fanta, MD
UC San Diego Moores Cancer Center

Thomas J. Giordano, MD, PhD
University of Michigan Rogel Cancer Center

Thorvardur Halfdanarson, MD
Mayo Clinic Cancer Center

Daniel Halperin, MD
The University of Texas MD Anderson Cancer Center

Jin He, MD, PhD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Anthony Heaney, MD, PhD
UCLA Jonsson Comprehensive Cancer Center

Martin J. Heslin, MD
O’Neal Comprehensive Cancer Center at UAB

Fouad Kandeel, MD, PhD
City of Hope National Medical Center

Arash Kardan, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Sajid A. Khan, MD
Yale Cancer Center/Smilow Cancer Hospital

Boris W. Kuvshinoff, MD, MBA
Roswell Park Comprehensive Cancer Center

Christopher H. Lieu, MD
University of Colorado Cancer Center

Kimberly Miller, RN
Fred & Pamela Buffett Cancer Center

Sukhmani Padda, MD
Stanford Cancer Institute
Venu G. Pillarisetty, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Diane Reidy, MD  
Memorial Sloan Kettering Cancer Center

Shagufta Shaheen, MD  
Stanford Cancer Institute

Heloisa P. Soares, MD, PhD  
Huntsman Cancer Institute at the University of Utah

Michael Soulen, MD, FCIRSE, FSIR  
Abramson Cancer Center at the University of Pennsylvania

Jonathan R. Strosberg, MD  
Moffitt Cancer Center

Craig R. Sussberg, MD  
Moffitt Cancer Center

Nikolaos Trikalinos, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Nataliya Uboha, MD, PhD  
University of Wisconsin Carbone Cancer Center

Namrata Vijayvergia, MD  
Fox Chase Cancer Center

Terence Z. Wong, MD, PhD  
Duke Cancer Institute

Non-Melanoma Skin Cancer Panel

Chrysalyne D. Schmults, MD, MS / Chair  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Rachel Blitzblau, MD, PhD / Vice-Chair  
Duke Cancer Institute

Sumaira Z. Aasi, MD  
Stanford Cancer Institute

Murad Alam, MD, MBA, MSCI  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

James S. Andersen, MD  
City of Hope National Medical Center

Brian C. Baumann, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Jeremy Bordeaux, MD, MPH  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Pei-Ling Chen, MD, PhD  
Moffitt Cancer Center

Robert Chin, MD, PhD  
UCLA Jonsson Comprehensive Cancer Center

Carlo Contreras, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Dominick DiMaio, MD  
Fred & Pamela Buffett Cancer Center

Jessica M. Donigan, MD  
Huntsman Cancer Institute at the University of Utah

Jeffrey M. Farma, MD  
Fox Chase Cancer Center

Karthik Ghosh, MD  
Mayo Clinic Cancer Center

Roy C. Grekin, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Kelly Harms, MD, PhD  
University of Michigan Rogel Cancer Center

Alan L. Ho, MD, PhD  
Memorial Sloan Kettering Cancer Center

Ashley Holder, MD  
O’Neal Comprehensive Cancer Center at UAB

Karl D. Lewis, MD  
University of Colorado Cancer Center

Manisha J. Loss, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

John Nicholas Lukens, MD  
Abramson Cancer Center at the University of Pennsylvania

Kishwer S. Nehal, MD  
Memorial Sloan Kettering Cancer Center

Paul Ngheim, MD, PhD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Soo Park, MD  
UC San Diego Moores Cancer Center

Tejesh Patel, MD  
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Igor Puzanov, MD, MSCI, FACP  
Roswell Park Comprehensive Cancer Center

Aleksandar Sekulic, MD, PhD  
Mayo Clinic Cancer Center

Ashok R. Shaha, MD  
Memorial Sloan Kettering Cancer Center

Divya Srivastava, MD  
UT Southwestern Simmons Comprehensive Cancer Center

William G. Stebbins, MD  
Vanderbilt-Ingram Cancer Center

Valencia Thomas, MD  
The University of Texas MD Anderson Cancer Center

Yaohui G. Xu, MD, PhD  
University of Wisconsin Carbone Cancer Center

Non-Small Cell Lung Cancer/Malignant Pleural Mesothelioma/Thymomas and Thymic Carcinomas Panel

David S. Ettinger, MD, FACP, FCCP / Chair  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Douglas E. Wood, MD, FACS, FRCSEd / Vice-Chair  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Dara L. Aisner, MD, PhD  
University of Colorado Cancer Center

Wallace Akerley, MD  
Huntsman Cancer Institute at the University of Utah

Jessica R. Bauman, MD  
Fox Chase Cancer Center

Ankit Bharat, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Debora S. Bruno, MD, MS  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Joe Y. Chang, MD, PhD  
The University of Texas MD Anderson Cancer Center
Lucian R. Chirieac, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Thomas A. D’Amico, MD  
Duke Cancer Institute

Thomas J. Dilling, MD, MS  
Moffitt Cancer Center

Jonathan Dowell, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Scott Gettinger, MD  
Yale Cancer Center/Smilow Cancer Hospital

Travis E. Grotz, MD  
Mayo Clinic Cancer Center

Matthew A. Gubens, MD, MS  
UCSF Helen Diller Family Comprehensive Cancer Center

Aparna Hegde, MBBS  
O’Neal Comprehensive Cancer Center at UAB

Mark Hennon, MD  
Roswell Park Comprehensive Cancer Center

Rudy P. Lackner, MD  
Fred & Pamela Buffett Cancer Center

Michael Lanuti, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Ticiana A. Leal, MD  
University of Wisconsin Carbone Cancer Center

Jules Lin, MD, FACS  
University of Michigan Rogel Cancer Center

Billy W. Loo, Jr., MD, PhD  
Stanford Cancer Institute

Christine M. Lovly, MD, PhD  
Vanderbilt-Ingram Cancer Center

Renato G. Martins, MD, MPH  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Erminia Massarelli, MD, PhD, MS  
City of Hope National Medical Center

Daniel Morgensztern, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Thomas Ng, MD  
St. Jude Children’s Research Hospital/ The University of Tennessee Health Science Center

Gregory A. Otterson, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jose M. Pacheco, MD  
University of Colorado Cancer Center

Sandip P. Patel, MD  
UC San Diego Moores Cancer Center

Gregory J. Riely, MD, PhD  
Memorial Sloan Kettering Cancer Center

Steven E. Schild, MD  
Mayo Clinic Cancer Center

Theresa A. Shapiro, MD, PhD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Aditi P. Singh, MD  
Abramson Cancer Center at the University of Pennsylvania

James Stevenson, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Aida Tam, MD  
The University of Texas MD Anderson Cancer Center

Jane Yanagawa, MD  
UCLA Jonsson Comprehensive Cancer Center

Stephen C. Yang, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Occult Primary Panel

David S. Ettinger, MD, FACP, FCCP / Chair  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Gauri R. Varadhachary, MD / Vice-Chair  
The University of Texas MD Anderson Cancer Center

David Bajor, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Muhammad Beg, MD, MSc  
UT Southwestern Simmons Comprehensive Cancer Center

Daniel W. Bowles, MD  
University of Colorado Cancer Center

Sam Brondfield, MD, MA  
UCSF Helen Diller Family Comprehensive Cancer Center

Julie Bykowski, MD  
UC San Diego Moores Cancer Center

Christine Ciunci, MD  
Abramson Cancer Center at the University of Pennsylvania

Jeremiah Deneve, DO  
St. Jude Children’s Research Hospital/ The University of Tennessee Health Science Center

Keith D. Eaton, MD, PhD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Vinicius Ermani, MD  
Fred & Pamela Buffett Cancer Center

Olumide Gbolahan, MD  
O’Neal Comprehensive Cancer Center at UAB

David Gierada, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

G. Weldon Gilcrease, MD  
Huntsman Cancer Institute at the University of Utah

Angela Jain, MD  
Fox Chase Cancer Center

Zachary Kohutek, MD, PhD  
Vanderbilt-Ingram Cancer Center

Christina Kong, MD  
Stanford Cancer Institute

Jeremy Kortmansky, MD  
Yale Cancer Center/Smilow Cancer Hospital

Renato Lenzi, MD  
The University of Texas MD Anderson Cancer Center

Sam Lubner, MD  
University of Wisconsin Carbone Cancer Center

Sarbajit Mukherjee, MD, MS  
Roswell Park Comprehensive Cancer Center

Anuj Patel, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Bradford A. Perez, MD  
Moffitt Cancer Center

John Phay, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
Asif Rashid, MD
The University of Texas
MD Anderson Cancer Center

Kerry Reynolds, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Lee Rosen, MD
UCLA Jonsson Comprehensive Cancer Center

Leonard B. Saltz, MD
Memorial Sloan Kettering Cancer Center

Marvaretta M. Stevenson, MD
Duke Cancer Institute

Harry H. Yoon, MD
Mayo Clinic Cancer Center

Deborah K. Armstrong, MD / Chair
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Ronald D. Alvarez, MD, MBA / Vice-Chair
Vanderbilt-Ingram Cancer Center

Jannie N. Bakkum-Gamez, MD
Mayo Clinic Cancer Center

Lisa M. Barroilhet, MD
University of Wisconsin Carbone Cancer Center

Kian Behbakht, MD
University of Colorado Cancer Center

Andrew Berchuck, MD
Duke Cancer Institute

Lee-May Chen, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Mihaela Cristea, MD
City of Hope National Medical Center

Marie T. DeRosa, RN
Patient Advocate

Eric L. Eisenhauer, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

David M. Gershenson, MD
The University of Texas MD Anderson Cancer Center

Heidi J. Gray, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Rachel Grisham, MD
Memorial Sloan Kettering Cancer Center

Ardeshir Hakam, MD
Moffitt Cancer Center

Angela Jain, MD
Fox Chase Cancer Center

Amer Karam, MD
Stanford Cancer Institute

Gottfried E. Konecny, MD
UCLA Jonsson Comprehensive Cancer Center

Charles A. Leath III, MD, MSPH
O’Neal Comprehensive Cancer Center at UAB

Joyce F. Liu, MD, MPH
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Lainie Martin, MD
Abramson Cancer Center at the University of Pennsylvania

Daniela Matei, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Michael McHale, MD
UC San Diego Moores Cancer Center

Karen McLean, MD, PhD
University of Michigan Rogel Cancer Center

David S. Miller, MD, FACOG, FACS
UT Southwestern Simmons Comprehensive Cancer Center

David M. O’Malley, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Sanja Percac-Lima, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Elena Ratner, MD
Yale Cancer Center/Smilow Cancer Hospital

Steven W. Remmenga, MD
Fred & Pamela Buffett Cancer Center

Roberto Vargas, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Theresa L. Werner, MD
Huntsman Cancer Institute at the University of Utah

Emese Zsiros, MD, PhD
Roswell Park Comprehensive Cancer Center

Pancreatic Adenocarcinoma Panel

Margaret A. Tempero, MD / Chair
UCSF Helen Diller Family Comprehensive Cancer Center

Mokenge P. Malafa, MD, FACS / Vice-Chair
Moffitt Cancer Center

Mahmoud M. Al-Hawary, MD
University of Michigan Rogel Cancer Center

Stephen W. Behrmann, MD
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Al B. Benson III, MD, FACP, FASCO
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Dana B. Cardin, MD
Vanderbilt-Ingram Cancer Center

Charles Cha, MD
Yale Cancer Center/Smilow Cancer Hospital

E. Gabriela Chiorean, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Vincent Chung, MD
City of Hope National Medical Center

Brian Czito, MD
Duke Cancer Institute

Marco Del Chiario, MD, PhD
University of Colorado Cancer Center

Mary Dillhoff, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Timothy R. Donahue, MD
UCLA Jonsson Comprehensive Cancer Center

Efrat Dotan, MD
Fox Chase Cancer Center

Cristina R. Ferrone, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Christos Fountzilas, MD
Roswell Park Comprehensive Cancer Center
Jeffrey Hardacre, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

William G. Hawkins, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Kelsey A. Klute, MD  
Fred & Pamela Buffett Cancer Center

Andrew H. Ko, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Noelle K. LoConte, MD  
University of Wisconsin Carbone Cancer Center

Andrew M. Lowy, MD  
UC San Diego Moores Cancer Center

Eric K. Nakakura, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Amol K. Narang, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Jorge Obando, MD  
Duke Cancer Institute

Patricia M. Polanco, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Sushanth Reddy, MD  
O’Neal Comprehensive Cancer Center at UAB

Marsha Reyngold, MD, PhD  
Memorial Sloan Kettering Cancer Center

Courtney Scaife, MD  
Huntsman Cancer Institute at the University of Utah

Jeanne Shen, MD  
Stanford Cancer Institute

Charles Vollmer, Jr., MD  
Abramson Cancer Center at the University of Pennsylvania

Robert A. Wolff, MD  
The University of Texas MD Anderson Cancer Center

Brian M. Wolpin, MD, MPH  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Pediatric Acute Lymphoblastic Leukemia Panel

Patrick A. Brown, MD / Chair  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Hirotu Inaba, MD, PhD / Vice-Chair  
St. Jude Children’s Research Hospital/ The University of Tennessee Health Science Center

Colleen Annesley, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Jill Beck, MD  
Fred & Pamela Buffett Cancer Center

Susan I. Colace, MD, MSCI  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Kevin J. Curran, MD  
Memorial Sloan Kettering Cancer Center

Mari H. Dallas, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Satiro N. De Oliveira, MD  
UCLA Jonsson Comprehensive Cancer Center

Kenneth DeSantes, MD  
University of Wisconsin Carbone Cancer Center

Kara Kelly, MD  
Roswell Park Comprehensive Cancer Center

Carrie L. Kitko, MD  
Vanderbilt-Ingram Cancer Center

Norman J. Lacayo, MD  
Stanford Cancer Institute

Kathleen Ludwig, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Luke D. Maese, DO  
Huntsman Cancer Institute at the University of Utah

Kris M. Mahadeo, MD, MPH  
The University of Texas MD Anderson Cancer Center

Valentina Nardi, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Vilmarie Rodriguez, MD  
Mayo Clinic Cancer Center

Jenna Rossoff, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Laura Schuettpelz, MD, PhD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Bijal Shah, MD  
Moffitt Cancer Center

Shilpa Shahani, MD  
City of Hope National Medical Center

Lewis B. Silverman, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Jessica Sun, MD  
Duke Cancer Institute

David T. Teachey, MD  
Abramson Cancer Center at the University of Pennsylvania

Valentina Nardi, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Pediatric Aggressive Mature B-Cell Lymphomas Panel

Kimberly J. Davies, MD / Chair  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Matthew Barth, MD / Vice-Chair  
Roswell Park Comprehensive Cancer Center

Saro Armenian, DO, MPH  
City of Hope National Medical Center

Anthony N. Audino, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Phillip Barnette, MD  
Huntsman Cancer Institute at the University of Utah

Branko Cuglievan, MD  
The University of Texas MD Anderson Cancer Center

Hilda Ding, MD  
UC San Diego Moores Cancer Center

James B. Ford, DO  
Fred & Pamela Buffett Cancer Center
Pediatric Central Nervous System Cancers Panel

Amar Gajjar, MD / Chair
St. Jude Children’s Research Hospital/
The University of Tennessee
Health Science Center

Anita Mahajan, MD / Vice-Chair
Mayo Clinic Cancer Center

Clarke P. Anderson, MD
City of Hope National Medical Center

Tejus Bale, MD, PhD
Memorial Sloan Kettering Cancer Center

Anuradha Banerjee, MD, MPH
UCSF Helen Diller Family
Comprehensive Cancer Center

Ranjit Bindra, MD, PhD
Yale Cancer Center/Smilow Cancer Hospital

Daniel C. Bowers, MD
UT Southwestern Simmons
Comprehensive Cancer Center

Kenneth Cohen, MD, MBA
The Sidney Kimmel Comprehensive
Cancer Center at Johns Hopkins

John Crawford, MD
UC San Diego Moores Cancer Center

Kathleen Dorris, MD
University of Colorado Cancer Center

Ralph Ermoian, MD
Fred Hutchinson Cancer Research Center/
Seattle Cancer Care Alliance

Andrea T. Franson, MD, MS
University of Michigan Rogel Cancer Center

Gerald Grant, MD
Stanford Cancer Institute

Daniel Landi, MD
Duke Cancer Institute

Chi Lin, MD, PhD
Fred & Pamela Buffett Cancer Center

Ronica Nanda, MD
Moffitt Cancer Center

Joshua D. Palmer, MD
The Ohio State University Comprehensive
Cancer Center - James Cancer Hospital and
Solove Research Institute

Ashley Plant, MD
Robert H. Lurie Comprehensive Cancer
Center of Northwestern University

Renee M. Reynolds, MD
Roswell Park Comprehensive Cancer Center

Duncan Stearns, MD
Case Comprehensive Cancer Center/
University Hospitals Seidman Cancer
Center and Cleveland Clinic Taussig
Cancer Institute

Phillip B. Storm, MD
Abramson Cancer Center
at the University of Pennsylvania

Anthony C. Wang, MD
UCLA Jonsson
Comprehensive Cancer Center

Pediatric Hodgkin Lymphoma Panel

Jamie Flerlage, MD, MS / Chair
St. Jude Children’s Research Hospital/
The University of Tennessee
Health Science Center

Susan M. Hiniker, MD / Vice-Chair
Stanford Cancer Institute

Saro Armenian, DO, MPH
City of Hope National Medical Center

Ellen C. Benya, MD
Robert H. Lurie Comprehensive Cancer
Center of Northwestern University

Adam Bobbey, MD
The Ohio State University Comprehensive
Cancer Center - James Cancer Hospital and
Solove Research Institute

Vivian Chang, MD
UCLA Jonsson
Comprehensive Cancer Center

Stacy Cooper, MD
The Sidney Kimmel Comprehensive
Cancer Center at Johns Hopkins

Don W. Coulter, MD
Fred & Pamela Buffett Cancer Center

Branko Cuglievan, MD
The University of Texas
MD Anderson Cancer Center

Bradford S. Hoppe, MD, MPH
Mayo Clinic Cancer Center

Leidy Isenalumhe, MD
Moffitt Cancer Center

Kara Kelly, MD
Roswell Park Comprehensive Cancer Center

Leslie Kersun, MD, MSCE, MSc
Abramson Cancer Center
at the University of Pennsylvania

Adam Lamble, MD
Fred Hutchinson Cancer Research Center/
Seattle Cancer Care Alliance

Nicole Larrier, MD, MSc
Duke Cancer Institute
Prostate Cancer Panel

Edward Schaeffer, MD, PhD / Chair
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Sandy Srinivas, MD / Vice-Chair
Stanford Cancer Institute

Emmanuel S. Antonarakis, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Andrew J. Armstrong, MD, ScM
Duke Cancer Institute

Justin E. Bekelman, MD
Abramson Cancer Center at the University of Pennsylvania

Heather H. Cheng, MD, PhD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Anthony V. D’Amico, MD, PhD
Dana-Farber/Brighton and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Brian J. Davis, MD, PhD
Mayo Clinic Cancer Center

Neil Desai, MD, MHS
UT Southwestern Simmons Comprehensive Cancer Center

Tanya Dorff, MD
City of Hope National Medical Center

James A. Eastham, MD
Memorial Sloan Kettering Cancer Center

Thomas A. Farrington, BSEE
Prostate Health Education Network, Inc.

Xin Gao, MD
Dana-Farber/Brighton and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Eric M. Horwitz, MD
Fox Chase Cancer Center

Joseph E. Ippolito, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Michael R. Kuettel, MD, PhD, MBA
Roswell Park Comprehensive Cancer Center

Joshua M. Lang, MD
University of Wisconsin Carbone Cancer Center

Rana R. McKay, MD
UC San Diego Moores Cancer Center

Jesse K. McKenney, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

George J. Netto, MD
O’Neal Comprehensive Cancer Center at UAB

David F. Penson, MD, MPH
Vanderbilt-Ingram Cancer Center

Julio M. Pow-Sang, MD
Moffitt Cancer Center

Robert Reiter, MD, MBA
UCLA Jonsson Comprehensive Cancer Center

Sylvia S. Richey, MD
West Cancer Center

Mack Roach III, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Stan Rosenfeld Retired
Ahmad Shabsigh, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jonathan Tward, MD, PhD
Huntsman Cancer Institute at the University of Utah

Small Cell Lung Cancer Panel

Apar Kishor P. Ganti, MD / Chair
Fred & Pamela Buffett Cancer Center

Billy W. Loo, Jr., MD, PhD / Vice-Chair
Stanford Cancer Institute

Michael Bassetti, MD
University of Wisconsin Carbone Cancer Center

Jessica R. Bauman, MD
Fox Chase Cancer Center

Abigail Berman, MD, MSCE
Abramson Cancer Center at the University of Pennsylvania

Collin Blakely, MD, PhD
UCSF Helen Diller Family Comprehensive Cancer Center

Anne Chiang, MD, PhD
Yale Cancer Center/Slimow Cancer Hospital

Thomas A. D’Amico, MD
Duke Cancer Institute

Afshin Dowlati, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Robert J. Downey, MD
Memorial Sloan Kettering Cancer Center

Charles Florsheim, JD Patient Advocate
Kathryn A. Gold, MD
UC San Diego Moores Cancer Center

Jonathan Goldman, MD
UCLA Jonsson Comprehensive Cancer Center

John Grecula, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Christine L. Hann, MD, PhD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Jim A. Hayman, MD, MBA
University of Michigan Rogel Cancer Center

Wade T. Iams, MD
Vanderbilt-Ingram Cancer Center

Puneeth Iyengar, MD, PhD
UT Southwestern Simmons Comprehensive Cancer Center

Maya Khalil, MD
O’Neal Comprehensive Cancer Center at UAB
Soft Tissue Sarcoma Panel
Margaret Von Mehren, MD / Chair
Fox Chase Cancer Center

John M. Kane III, MD / Vice-Chair
Roswell Park Comprehensive Cancer Center

Mark Agulnik, MD
City of Hope National Medical Center

Marilyn M. Bui, MD, PhD
Moffitt Cancer Center

Edwin Choy, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Mary Connolly, LSW
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

NCCN 2020 Annual Report
NCCN Leadership

Nisha A. Mohindra, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Julian Molina, MD, PhD
Mayo Clinic Cancer Center

Cesar A. Moran, MD
The University of Texas MD Anderson Cancer Center

Saraswati Pokharel, MD
Roswell Park Comprehensive Cancer Center

David C. Portnoy, MD
West Cancer Center

Sonam Puri, MD
Huntsman Cancer Institute at the University of Utah

Chad Rusthoven, MD
University of Colorado Cancer Center

Jacob Sands, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Rafael Santana-Davila, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Michael Shafique, MD
Moffitt Cancer Center

Saiama N. Waqar, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

T-Cell/Primary Cutaneous Lymphomas Panel
Steven Horwitz, MD / Chair
Memorial Sloan Kettering Cancer Center

Stephen Ansell, MD, PhD / Vice-Chair
Mayo Clinic Cancer Center

Weiyun Z. Ai, MD, PhD
UCSF Helen Diller Family Comprehensive Cancer Center

Jeffrey Barnes, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Stefan K. Barta, MD, MRCP, MS
Abramson Cancer Center at the University of Pennsylvania

Jonathan E. Brammer, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Mark W. Clemens, MD
The University of Texas MD Anderson Cancer Center

Ahmet Dogan, MD, PhD
Memorial Sloan Kettering Cancer Center

Aaron M. Goodman, MD
UC San Diego Moores Cancer Center

Gaurav Goyal, MD
O’Neal Comprehensive Cancer Center at UAB

Matthew Poppe, MD
Huntsman Cancer Institute at the University of Utah

Richard F. Riedel, MD
Duke Cancer Institute

Scott Schuetz, MD, PhD
University of Michigan Rogel Cancer Center

Jacob E. Shabason, MD, MTR
Abramson Cancer Center at the University of Pennsylvania

Jason K. Sicklick, MD
UC San Diego Moores Cancer Center

Matthew B. Spraker, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Melissa Zimel, MD
UCSF Helen Diller Family Comprehensive Cancer Center
Joan Guitart, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Ahmad Halwani, MD  
Huntsman Cancer Institute at the University of Utah

Bradley M. Haverkos, MD, MPH, MS  
University of Colorado Cancer Center

Richard T. Hoppe, MD  
Stanford Cancer Institute

Eric Jacobsen, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Deepa Jagadeesh, MD, MPH  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Allison V. Jones, MD, FAAD  
St. Jude Children’s Research Hospital/Health Science Center

Youn H. Kim, MD  
Stanford Cancer Institute

Kiran A. Kumar, MD, MBA  
UT Southwestern Simmons Comprehensive Cancer Center

Neha Mehta-Shah, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Elise A. Olsen, MD  
Duke Cancer Institute

Barbara Pro, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Nicholas G. Cost, MD  
University of Colorado Cancer Center

Nancy B. Davis, MD  
Vanderbilt-Ingram Cancer Center

Ithaar H. Derweesh, MD  
UC San Diego Moores Cancer Center

Alexandra Drakaki, MD, PhD  
UCLA Jonsson Comprehensive Cancer Center

Hamid Emamekho, MD  
University of Wisconsin Carbone Cancer Center

Darren R. Feldman, MD  
Memorial Sloan Kettering Cancer Center

Daniel M. Geynisman, MD  
Fox Chase Cancer Center

Steven L. Hancock, MD  
Stanford Cancer Institute

Andrei Shustov, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Lubomir Sokol, MD, PhD  
Moffitt Cancer Center

Pallawi Torka, MD  
Roswell Park Comprehensive Cancer Center

Carlos Torres-Cabala, MD  
The University of Texas MD Anderson Cancer Center

Ryan A. Wilcox, MD, PhD  
University of Michigan Rogel Cancer Center

Jasmine Zain, MD  
City of Hope National Medical Center

William Lowrance, MD, MPH  
Huntsman Cancer Institute at the University of Utah

Bradley A. McGregor, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Paul Monk, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Joel Picus, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Phillip M. Pierozazio, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Soroush Rais-Bahrami, MD  
O’Neal Comprehensive Cancer Center

Kanishka Sircar, MD  
The University of Texas MD Anderson Cancer Center

David C. Smith, MD  
University of Michigan Rogel Cancer Center

Benjamin A. Teply, MD  
Fred & Pamela Buffett Cancer Center

Katherine Tzou, MD  
Mayo Clinic Cancer Center

Daniel Vaena, MD  
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

David Vanderweele, MD, PhD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

David Vaughn, MD  
Abramson Cancer Center at the University of Pennsylvania

Kosj Yamoah, MD, PhD  
Moffitt Cancer Center

Jonathan Yamzon, MD  
City of Hope National Medical Center

Testicular Cancer Panel

Timothy D. Gilligan, MD, MS / Chair  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Daniel W. Lin, MD / Vice-Chair  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Rahul Aggarwal, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Aditya Bagrodia, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Nicholas G. Cost, MD  
University of Colorado Cancer Center

Nancy B. Davis, MD  
Vanderbilt-Ingram Cancer Center

Ithaar H. Derweesh, MD  
UC San Diego Moores Cancer Center

Alexandra Drakaki, MD, PhD  
UCLA Jonsson Comprehensive Cancer Center

Hamid Emamekho, MD  
University of Wisconsin Carbone Cancer Center

Darren R. Feldman, MD  
Memorial Sloan Kettering Cancer Center

Daniel M. Geynisman, MD  
Fox Chase Cancer Center

Steven L. Hancock, MD  
Stanford Cancer Institute

Peter Humphrey, MD, PhD  
Yale Cancer Center/Smilow Cancer Hospital

Ellis G. Levine, MD  
Roswell Park Comprehensive Cancer Center

Thomas Longo, MD  
Duke Cancer Institute

Joel Picus, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Phillip M. Pierozazio, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Soroush Rais-Bahrami, MD  
O’Neal Comprehensive Cancer Center

Kanishka Sircar, MD  
The University of Texas MD Anderson Cancer Center

David C. Smith, MD  
University of Michigan Rogel Cancer Center

Benjamin A. Teply, MD  
Fred & Pamela Buffett Cancer Center

Katherine Tzou, MD  
Mayo Clinic Cancer Center

Daniel Vaena, MD  
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

David Vanderweele, MD, PhD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

David Vaughn, MD  
Abramson Cancer Center at the University of Pennsylvania

Kosj Yamoah, MD, PhD  
Moffitt Cancer Center

Jonathan Yamzon, MD  
City of Hope National Medical Center
Thyroid Carcinoma Panel
Robert I. Haddad, MD / Chair
Dana-Farber/Brigham and Women's Cancer Center | Massachusetts General Hospital Cancer Center

Lindsay A. Bischoff, MD / Vice-Chair
Vanderbilt-Ingram Cancer Center

Victor Bernet, MD
Mayo Clinic Cancer Center

Erik Blomain, MD, PhD
Stanford Cancer Institute

Naifa L. Busaidy, MD, FACP
The University of Texas MD Anderson Cancer Center

Paxton V. Dickson, MD
St. Jude Children's Research Hospital/
The University of Tennessee Health Science Center

Quan-Yang Duh, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Hormoz Ehya, MD
Fox Chase Cancer Center

Whitney S. Goldner, MD
Fred & Pamela Buffett Cancer Center

Megan Haymart, MD
University of Michigan Rogel Cancer Center

Shelby Holt, MD
UT Southwestern Simmons Comprehensive Cancer Center

Jason P. Hunt, MD
Huntsman Cancer Institute at the University of Utah

Andrei Iagaru, MD
Stanford Cancer Institute

Fouad Kandeel, MD, PhD
City of Hope National Medical Center

Dominick M. Lamonica, MD
Roswell Park Comprehensive Cancer Center

Stephanie Markovina, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Bryan McVey, MD, PhD
Moffitt Cancer Center

Christopher D. Raeburn, MD
University of Colorado Cancer Center

Rod Rezaee, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

John A. Ridge, MD, PhD, FACS
Fox Chase Cancer Center

Mara Y. Roth, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Randall P. Scheri, MD
Duke Cancer Institute

Jatin P. Shah, MD, PhD
Memorial Sloan Kettering Cancer Center

Jennifer Sipos, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Rebecca S. Sippel, MD
University of Wisconsin Carbone Cancer Center

Cord Sturgeon, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Samuel Swisher-McClure, MD
Abramson Cancer Center at the University of Pennsylvania

Thomas N. Wang, MD, PhD
O'Neal Comprehensive Cancer Center at UAB

Lori J. Wirth, MD
Dana-Farber/Brigham and Women's Cancer Center | Massachusetts General Hospital Cancer Center

Daniel S. Rhee, MD, MPH, FACS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Kenneth Gow, MD, MHA
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Susan M. Hiniker, MD
Stanford Cancer Institute

Rama Jasty-Rao, MD
University of Michigan Rogel Cancer Center

Chi Lin, MD, PhD
Fred & Pamela Buffett Cancer Center

Harold N. Lovvorn III, MD
Vanderbilt-Ingram Cancer Center

Iain MacEwan, MD
UC San Diego Moores Cancer Center

Julian A. Martinez–Agosto, MD, PhD, FABMG
UCLA Jonsson Comprehensive Cancer Center

Elizabeth Mullen, MD
Dana-Farber/Brigham and Women's Cancer Center | Massachusetts General Hospital Cancer Center

Erin Murphy, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Mark A. Ranalli, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Daniel S. Rhee, MD, MPH, FACS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Denise Rokitka, MD, MPH
Roswell Park Comprehensive Cancer Center

Amy L. Walz, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Jonathan Wickiser, MD
UT Southwestern Simmons Comprehensive Cancer Center

Matthew Zapala, MD, PhD
UCSF Helen Diller Family Comprehensive Cancer Center

Wilms Tumor Panel
Frank M. Balis, MD / Chair
Abramson Cancer Center at the University of Pennsylvania

Daniel Green, MD / Vice-Chair
St. Jude Children's Research Hospital/
The University of Tennessee Health Science Center

Clarke P. Anderson, MD
City of Hope National Medical Center

Shelly M. Cook, MD
University of Wisconsin Carbone Cancer Center

Jasremar Dhillon, MD
Moffitt Cancer Center

Kenneth Gow, MD, MHA
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Susan M. Hiniker, MD
Stanford Cancer Institute

Rama Jasty-Rao, MD
University of Michigan Rogel Cancer Center

Chi Lin, MD, PhD
Fred & Pamela Buffett Cancer Center

Harold N. Lovvorn III, MD
Vanderbilt-Ingram Cancer Center

Iain MacEwan, MD
UC San Diego Moores Cancer Center

Julian A. Martinez–Agosto, MD, PhD, FABMG
UCLA Jonsson Comprehensive Cancer Center

Elizabeth Mullen, MD
Dana-Farber/Brigham and Women's Cancer Center | Massachusetts General Hospital Cancer Center

Erin Murphy, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Mark A. Ranalli, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Daniel S. Rhee, MD, MPH, FACS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Denise Rokitka, MD, MPH
Roswell Park Comprehensive Cancer Center

Elisabeth (Lisa) T. Tracy, MD
Duke Cancer Institute

Tamara Vern-Gross, DO
Mayo Clinic Cancer Center

Michael Walsh, MD
Memorial Sloan Kettering Cancer Center

Amy L. Walz, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Jonathan Wickiser, MD
UT Southwestern Simmons Comprehensive Cancer Center

Matthew Zapala, MD, PhD
UCSF Helen Diller Family Comprehensive Cancer Center
NCCN Guidelines for Detection, Prevention, & Risk Reduction Panels

Breast Cancer Risk Reduction Panel
Therese B. Bevers, MD / Chair
The University of Texas MD Anderson Cancer Center
John H. Ward, MD / Vice-Chair
Huntsman Cancer Institute at the University of Utah
Gretchen M. Ahrendt, MD
University of Colorado Cancer Center
Banu K. Arun, MD
The University of Texas MD Anderson Cancer Center
Joshua G. Cohen, MD
UCLA Jonsson Comprehensive Cancer Center
Graham A. Colditz, MD, DrPH, FAFPHM
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine
Shipra Gandhi, MD
Roswell Park Comprehensive Cancer Center
Mary L. Gemignani, MD
Memorial Sloan Kettering Cancer Center
Heidi A. Goodwin, WHCNP
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute
William J. Gradishar, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University
Shelley Hwang, MD, MPH
Duke Cancer Institute
Lisa Jacobs, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
Judith A. Jordan, BS
The University of Texas MD Anderson Cancer Center
Tari King, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
Allison W. Kurian, MD, MSc
Stanford Cancer Institute
Sayeh Lavasani, MD, MSc, FRCPC
City of Hope National Medical Center
Loretta S. Loftus, MD, MBA
Moffitt Cancer Center
Sofia D. Merajver, MD, PhD
University of Michigan Rogel Cancer Center
Ingrid Meszoely, MD
Vanderbilt-Ingram Cancer Center
Catherine C. Parker, MD
O’Neal Comprehensive Cancer Center at UAB
Frances Pritchard, MD
St. Jude Children’s Research Hospital/University of Tennessee Health Science Institute
Sandhya Pruthi, MD
Mayo Clinic Cancer Center
Asal Rahimi, MD
UT Southwestern Simmons Comprehensive Cancer Center
Sagar Sardesai, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
Payal D. Shah, MD
Abramson Cancer Center at the University of Pennsylvania
Michelle C. Specht, MD, FACS
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
Pavan Kumar Tandra, MBBS
Fred & Pamela Buffett Cancer Center
Anne Wallace, MD, FACS
UC San Diego Moores Cancer Center
Lee G. Wilke, MD
University of Wisconsin Carbone Cancer Center
Rachel Yung, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Breast Cancer Screening and Diagnosis Panel
Therese B. Bevers, MD / Chair
The University of Texas MD Anderson Cancer Center
Mark Helvie, MD / Vice-Chair
University of Michigan Rogel Cancer Center
Ermelinda Bonaccio, MD
Roswell Park Comprehensive Cancer Center
Melissa S. Camp, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
Sona Chikarmane, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
Emily F. Conant, MD
Abramson Cancer Center at the University of Pennsylvania
Maggie DiNoire, MD, FACS
UCLA Jonsson Comprehensive Cancer Center
Constance Dobbins Lehman, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
Mohammad Eghtedari, MD, PhD
UC San Diego Moores Cancer Center
William B. Farrar, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
Meghan R. Flanagan, MD, MPH
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance
Randall E. Harris, MD, PhD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
Linda Hodgkiss, MD
St. Jude Children’s Research Hospital/University of Tennessee Health Science Center
Tamarya L. Hoyt, MD
Vanderbilt-Ingram Cancer Center
Maxine S. Jochelson, MD
Memorial Sloan Kettering Cancer Center
Seema Khan, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University
Rachael B. Lancaster, MD
O’Neal Comprehensive Cancer Center at UAB
Caitlin Mauer, MS, CGC
UT Southwestern Simmons Comprehensive Cancer Center
Jessica Maxwell, MD
Fred & Pamela Buffett Cancer Center
Bethany L. Niell, MD, PhD
Moffitt Cancer Center
Bhavika K. Patel, MD  
Mayo Clinic Cancer Center

Mark Pearman, MD  
University of Michigan Rogel Cancer Center

Liane Philpotts, MD  
Yale Cancer Center/Smilow Cancer Hospital

Donna Plecha, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Jennifer K. Plichta, MD, MS  
Duke Cancer Institute

Mary Lou Smith, MBA, JD  
Research Advocacy Network

Robert M. Strigel, MD, MS  
University of Wisconsin Carbone Cancer Center

Catherine Tuite, MD  
Fox Chase Cancer Center

Lusine Tumyan, MD  
City of Hope National Medical Center

Nicole S. Winkler, MD  
Huntsman Cancer Institute at the University of Utah

Kathryn Glaser, PhD, MA  
Roswell Park Comprehensive Cancer Center

Surya R. Gurudu, MD  
Mayo Clinic Cancer Center

Amy Halverson, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Rachel Issaka, MD, MAS  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Rishi Jain, MD, MS  
Fox Chase Cancer Center

Priyanka Kanth, MD, MS, FACG  
Huntsman Cancer Institute at the University of Utah

Trilo Kesh D. Kidambi, MD  
City of Hope National Medical Center

Audrey J. Lazenby, MD  
Fred & Pamela Buffett Cancer Center

Xavier Lior, MD, PhD  
Yale Cancer Center/Smilow Cancer Hospital

Lillias Maguire, MD  
University of Michigan Rogel Cancer Center

Arnold Markowitz, MD  
Memorial Sloan Kettering Cancer Center

Fola May, MD, PhD, MPhil  
UCLA Jonsson Comprehensive Cancer Center

Robert J. Mayer, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Shivani J. Mehta, MD, MBA, MSHP  
Abramson Cancer Center at the University of Pennsylvania

Caitlin C. Murphy, PhD  
UT Southwestern Simmons Comprehensive Cancer Center

Swati G. Patel, MD, MS  
University of Colorado Cancer Center

Shajan Peter, MD  
O’Neal Comprehensive Cancer Center at UAB

Peter P. Stanich, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Jonathan Terdiman, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Jennifer M. Weiss, MD, MS  
University of Wisconsin Carbone Cancer Center

Genetic/Familial High-Risk Assessment: Breast, Ovarian, and Pancreatic Panel

Mary B. Daly, MD, PhD, FACP / Chair  
Fox Chase Cancer Center

Tuya Pal, MD / Vice-Chair  
Vanderbilt-Ingram Cancer Center

Ahmed El-Khanany, MD  
O’Neal Comprehensive Cancer Center at UAB

Seema Khan, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Catherine Klein, MD  
University of Colorado Cancer Center

Wendy Kohlmann, MS, CGC  
Huntsman Cancer Institute at the University of Utah

Allison W. Kurian, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Jennifer K. Litton, MD  
The University of Texas MD Anderson Cancer Center

Julie S. Mak, MS, MSc  
UCSF Helen Diller Family Comprehensive Cancer Center

Colorectal Cancer Screening Panel

Dawn Provenzale, MD, MS / Chair  
Duke Cancer Institute

Reid M. Ness, MD, MPH / Vice-Chair  
Vanderbilt-Ingram Cancer Center

Benjamin Abbadesa, MD  
UC San Diego Moores Cancer Center

Christopher Chen, MD  
Stanford Cancer Institute

Gregory Cooper, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Dayna S. Early, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Mark Friedman, MD  
Moffitt Cancer Center

Francis M. Giardello, MD, MBA  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
John Mansour, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Carolyn Menendez, MD  
Duke Cancer Institute

Sofia D. Merajver, MD, PhD  
University of Michigan Rogel Cancer Center

Barbara Norquist, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Kenneth Offit, MD  
Memorial Sloan Kettering Cancer Center

Holly J. Pederson, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Gwen Reiser, MS, CGC  
Fred & Pamela Buffett Cancer Center

Leigha Senter-Jamieson, MS, CGC  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Kristen M. Shannon, MS, CGC  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Rebecca Shatsky, MD  
UC San Diego Moores Cancer Center

Kala Viswanathan, MD, MHS  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Jeffrey N. Weitzel, MD  
City of Hope National Medical Center

Myra J. Wick, MD, PhD  
Mayo Clinic Cancer Center

Kari Wisinski, MD  
University of Wisconsin Carbone Cancer Center

Matthew B. Yurgelun, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Lisen Axell, MS  
University of Colorado Cancer Center

Carol A. Burke, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Lee-May Chen, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Daniel C. Chung, MD  
Dana-Farber/Brigham Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Katherine M. Clayback, MS, CGC  
Roswell Park Comprehensive Cancer Center

Susan A. Dallas  
Lynch Syndrome International

Seth Felder, MD  
Moffitt Cancer Center

Olumide Gbolaohan, MD  
O’Neal Comprehensive Cancer Center at UAB

Francis M. Giardello, MD, MBA  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

William M. Grady, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Michael J. Hall, MD, MS  
Fox Chase Cancer Center

Heather Hampel, MS, CGC  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Rachel Hodan, MS, CGC  
Stanford Cancer Institute

Gregory E. Idos, MD, MS  
City of Hope National Medical Center

Priyanka Kanth, MD, MS, FACP  
Huntsman Cancer Institute at the University of Utah

Bryson Katona, MD, PhD  
Abramson Cancer Center at the University of Pennsylvania

Xavier Llor, MD, PhD  
Yale Cancer Center/Smilow Cancer Hospital

Patrick M. Lynch, MD, JD  
The University of Texas MD Anderson Cancer Center

Lillias Maguire, MD  
University of Michigan Rogel Cancer Center

Arnold Markowitz, MD  
Memorial Sloan Kettering Cancer Center

Sara Pirzadeh-Miller, MS  
UT Southwestern Simmons Comprehensive Cancer Center

Jewel Samadder, MD  
Mayo Clinic Cancer Center

David Shibata, MD, FACS, FASCRS  
St. Jude Children’s Research Hospital/University of Tennessee Health Science Center

Benjamin J. Swanson, MD, PhD  
Fred & Pamela Buffett Cancer Center

Brittany M. Szyniaiak, PhD, CGC  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Georgia L. Wiesner, MD  
Vanderbilt-Ingram Cancer Center

Andrew Wolf, MD  
Duke Cancer Institute

Matthew B. Yurgelun, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Mae Zakhour, MD  
UCLA Jonsson Comprehensive Cancer Center

Genevieve A. Eapen, MD, PhD  
Abstract Medical

Lung Cancer Screening Panel

Douglas E. Wood, MD, FACS, FRCSEd  
Chair
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Ella A. Kazerooni, MD, MS / Vice-Chair  
University of Michigan Rogel Cancer Center

Denise Aberle, MD  
UCLA Jonsson Comprehensive Cancer Center

Abigail Berman, MD, MSCE  
Abramson Cancer Center at the University of Pennsylvania

Georgie A. Eapen, MD  
The University of Texas MD Anderson Cancer Center

David S. Ettinger, MD, FACP, FCCP  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

J. Scott Ferguson, MD  
University of Wisconsin Carbone Cancer Center
Lifang Hou, MD, PhD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Dipen Kadaria, MD  
St. Jude Children’s Research Hospital/  
The University of Tennessee  
Health Science Center

Donald Klippenstein, MD  
Moffitt Cancer Center

Rohit Kumar, MD  
Fox Chase Cancer Center

Rudy P. Lackner, MD  
Fred & Pamela Buffett Cancer Center

Lorriana E. Leard, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Inga T. Lennes, MD, MBA, MPH  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Ann N. Leung, MD  
Stanford Cancer Institute

Pierre P. Massion, MD  
Vanderbilt-Ingram Cancer Center

Peter Mazzone, MD, MPH  
Case Comprehensive Cancer Center/  
University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Robert E. Merritt, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

David E. Midthun, MD  
Mayo Clinic Cancer Center

Mark Onaitis, MD  
UC San Diego Moores Cancer Center

Sudhakar Pipavath, MD  
Fred Hutchinson Cancer Research Center/  
Seattle Cancer Care Alliance

Christie Pratt, DHSc, MA  
Moffitt Cancer Center

Varun Puri, MD, MSCi  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Chakravarthy Reddy, MD  
Huntsman Cancer Institute at the University of Utah

Mary E. Reid, PhD  
Roswell Park Comprehensive Cancer Center

Arnold J. Rotter, MD  
City of Hope National Medical Center

Jacob Sands, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Matthew B. Schabath, PhD  
Moffitt Cancer Center

Jamie L. Studts, PhD  
University of Colorado Cancer Center

Lynn Tanoue, MD  
Yale Cancer Center/Smilow Cancer Hospital

Betty C. Tong, MD, MHS  
Duke Cancer Institute

William D. Travis, MD  
Memorial Sloan Kettering Cancer Center

Benjamin Wei, MD  
O’Neal Comprehensive Cancer Center at UAB

Kenneth Westover, MD, PhD  
UT Southwestern Simmons Comprehensive Cancer Center

Stephen C. Yang, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Bettina F. Drake, PhD, MPH  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Jonathan I. Epstein, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Ruth B. Etzioni, PhD  
Fred Hutchinson Cancer Research Center/  
Seattle Cancer Care Alliance

Thomas A. Farrington, BSEE  
Prostate Health Education Network, Inc.

Isa P. Garraway, MD, PhD  
UCLA Jonsson Comprehensive Cancer Center

David Jarrard, MD  
University of Wisconsin Carbone Cancer Center

Eric Kaufman, MD  
Roswell Park Comprehensive Cancer Center

Deborah Kaye, MD, MS  
Duke Cancer Institute

Adam S. Kibel, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Chad A. LaGrange, MD, FACS  
Fred & Pamela Buffett Cancer Center

William Lowrance, MD, MPH  
Huntsman Cancer Institute at the University of Utah

Paul Maroni, MD  
University of Colorado Cancer Center

Todd M. Morgan, MD  
University of Michigan Rogel Cancer Center

Kelvin A. Moses, MD, PhD  
Vanderbilt-Ingram Cancer Center

Michael Poch, MD  
Moffitt Cancer Center

Lee Ponsky, MD  
Case Comprehensive Cancer Center/  
University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Brian Reys, MS, CGC  
UT Southwestern Simmons Comprehensive Cancer Center

Terrence M. Shaneyfelt, MD, MPH  
O’Neal Comprehensive Cancer Center at UAB

Marc C. Smaldone, MD, MSHP  
Fox Chase Cancer Center

Prostate Cancer Early Detection Panel

Peter R. Carroll, MD, MPH / Chair  
UCSF Helen Diller Family Comprehensive Cancer Center

J. Kellogg Parsons, MD, MHS / Vice-Chair  
UC San Diego Moores Cancer Center

Geoffrey Box, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Sigrid V. Carlsson, MD, PhD, MPH  
Memorial Sloan Kettering Cancer Center

William J. Catalona, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Douglas M. Dahl, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

John W. Davis, MD  
The University of Texas MD Anderson Cancer Center

Prostate Cancer Early Detection Panel

Peter R. Carroll, MD, MPH / Chair  
UCSF Helen Diller Family Comprehensive Cancer Center

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Memorial Sloan Kettering Cancer Center

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Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Douglas M. Dahl, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

John W. Davis, MD  
The University of Texas MD Anderson Cancer Center

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UC San Diego Moores Cancer Center

Geoffrey Box, MD  
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Memorial Sloan Kettering Cancer Center

William J. Catalona, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Douglas M. Dahl, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

John W. Davis, MD  
The University of Texas MD Anderson Cancer Center
NCCN Guidelines for Supportive Care Panels

Adult Cancer Pain
Robert A. Swarm, MD / Chair
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Jeanie M. Youngwerth, MD / Vice-Chair
University of Colorado Cancer Center

Dorotina L. Angheliscu, MD
St. Jude Children’s Research Hospital/ The University of Tennessee Health Science Center

Mihir M. Kamdar, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Enas Kandil, MD, MSc
UT Southwestern Simmons Comprehensive Cancer Center

Susan LeGrand, MD
Case Comprehensive Cancer Center/ University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Sean Mackey, MD, PhD
Stanford Cancer Institute

Andrew M. McDonald, MD, MS
O’Neal Comprehensive Cancer Center at UAB

Mary R. McDowell, MSN, ACNP-BC
Vanderbilt-Ingram Cancer Center

Natalie Moryl, MD
Memorial Sloan Kettering Cancer Center

Suzanne A. Nesbit, PharmD, BCPS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Nina O’Connor, MD
Abramson Cancer Center at the University of Pennsylvania

Judith A. Paice, PhD, RN, FAAN
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Peter Phung, MD, MBA
UCLA Jonsson Comprehensive Cancer Center

Michael W. Rabow, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Elizabeth M. Rickerson, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Rebecca Shatsky, MD
UC San Diego Moores Cancer Center

Jill Sindt, MD
Huntsman Cancer Institute at the University of Utah

Michael A. Smith, PharmD
University of Michigan Rogel Cancer Center

Justine Yang Bruce, MD
University of Wisconsin Carbone Cancer Center

Antiemesis Panel
David S. Ettinger, MD, FACP, FCCP / Chair
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Michael J. Berger, PharmD, BCOP / Vice-Chair
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Sidharth Anand, MD, MBA
UCLA Jonsson Comprehensive Cancer Center

Sally Barbour, PharmD, BCOP, CPP, FHOPA
Duke Cancer Institute

Jason Bergsakken, PharmD, BCOP
University of Wisconsin Carbone Cancer Center

Debra Brandt, DO
Yale Cancer Center/Smilow Cancer Hospital

George E. Brown, MS, RPh, BCOP
Case Comprehensive Cancer Center/ University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Jennie R. Crews, MD
Fred Hutchinson Cancer Research Center/ Seattle Cancer Care Alliance

Christine Hong, PharmD, MBA
UT Southwestern Simmons Comprehensive Cancer Center

Eun J. Kim, PharmD, MS, BCOP
Bristol-Myers Squibb

Steven Kirkgaard, PharmD
Huntsman Cancer Institute at the University of Utah

Dwight D. Kloth, PharmD, BCOP, FCCP
Fox Chase Cancer Center

Kelsey A. Klute, MD
Fred & Pamela Buffett Cancer Center

Mark G. Kris, MD
Memorial Sloan Kettering Cancer Center

Dean Lim, MD
City of Hope National Medical Center

Cynthia X. Ma, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Victoria Maurer, MSN, OCN
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Geoffrey Sonn, MD
Stanford Cancer Institute

Preston C. Sprenkle, MD
Yale Cancer Center/Smilow Cancer Hospital

Neha Vapiwala, MD
Abramson Cancer Center at the University of Pennsylvania

Robert Wake, MD
St. Jude Children’s Research Hospital/ The University of Tennessee Health Science Center

Bertram Yuh, MD, MS
City of Hope National Medical Center

Antiemesis Panel
David S. Ettinger, MD, FACP, FCCP / Chair
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Michael J. Berger, PharmD, BCOP / Vice-Chair
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

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UCLA Jonsson Comprehensive Cancer Center

Sally Barbour, PharmD, BCOP, CPP, FHOPA
Duke Cancer Institute

Jason Bergsakken, PharmD, BCOP
University of Wisconsin Carbone Cancer Center

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Yale Cancer Center/Smilow Cancer Hospital

George E. Brown, MS, RPh, BCOP
Case Comprehensive Cancer Center/ University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Jennie R. Crews, MD
Fred Hutchinson Cancer Research Center/ Seattle Cancer Care Alliance

Christine Hong, PharmD, MBA
UT Southwestern Simmons Comprehensive Cancer Center

Eun J. Kim, PharmD, MS, BCOP
Bristol-Myers Squibb

Steven Kirkgaard, PharmD
Huntsman Cancer Institute at the University of Utah

Dwight D. Kloth, PharmD, BCOP, FCCP
Fox Chase Cancer Center

Kelsey A. Klute, MD
Fred & Pamela Buffett Cancer Center

Mark G. Kris, MD
Memorial Sloan Kettering Cancer Center

Dean Lim, MD
City of Hope National Medical Center

Cynthia X. Ma, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Victoria Maurer, MSN, OCN
Robert H. Lurie Comprehensive Cancer Center of Northwestern University
Cancer-Associated Venous Thromboembolic Disease Panel

Michael B. Streiff, MD, FACS / Chair
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Bjorn Holmström, MD / Vice-Chair
Moffitt Cancer Center

Dana E. Angelini, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Anel Ashrani, MD, MS
Mayo Clinic Cancer Center

Amro Elshoury, MD
Roswell Park Comprehensive Cancer Center

John Fanikos, MBA, RPh
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Kleber Yotsumoto Fertrin, MD, PhD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Annemarie E. Fogerty, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Shuwei Gao, MD
The University of Texas MD Anderson Cancer Center

Samuel Z. Goldhaber, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Krishna Gundabolu, MBBS, FACP
Fred & Pamela Buffett Cancer Center

Eric H. Kraut, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Leslie L. Lake, BA
National Blood Clot Alliance

Andrew Leavitt, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Alfred Lee, MD, PhD
Yale Cancer Center/Smilow Cancer Hospital

Jason T. Lee, MD
Stanford Cancer Institute

Ming Y. Lim, MD
Huntsman Cancer Institute at the University of Utah

Janelle E. Mann, PharmD, BCOP
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Brandon McMahon, MD
University of Colorado Cancer Center

John Moriarty, MD
UCLA Jonsson Comprehensive Cancer Center

Colleen Morton, MD, MBbCh
Vanderbilt-Ingram Cancer Center

Thomas L. Ortel, MD, PhD
Duke Cancer Institute

Rita Paschal, MD
O’Neal Comprehensive Cancer Center at UAB

Cancer-Related Fatigue Panel

Ann M. Berger, PhD, AOCNS, APRN, FAAN / Chair
Fred & Pamela Buffett Cancer Center

Kathi Mooney, PhD, RN, FAAN / Vice-Chair
Huntsman Cancer Institute at the University of Utah

Olivia Aranha, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Chandana Banerjee, MD
City of Hope National Medical Center

William S. Breitbart, MD
Memorial Sloan Kettering Cancer Center

Kristen M. Carpenter, PhD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Young Chang, MD
Moffitt Cancer Center

Erin Davis, MSN, CRNP
Abramson Cancer Center at the University of Pennsylvania

Vanna Dest, MSN, AOCNS, APRN
Yale Cancer Center/Smilow Cancer Hospital

Lori L. DuBenske, PhD
University of Wisconsin Carbone Cancer Center

Carmen P. Escalante, MD, FACP
The University of Texas MD Anderson Cancer Center

Jordan K. Schaefer, MD
University of Michigan Rogel Cancer Center

Sanford Shatlll, MD
UC San Diego Moores Cancer Center

Tanya Siddiqui, MD
City of Hope National Medical Center

Gerald A. Soff, MD
Memorial Sloan Kettering Cancer Center

Deepak Sudheendra, MD, FSIR, RPVI
Abramson Cancer Center at the University of Pennsylvania

Elliot Williams, MD
University of Wisconsin Carbone Cancer Center

Anaadriana Zakarija, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University
Michael A. Fediw, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Carlos Fernandez-Robles, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Sofia Garcia, PhD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Catherine Jankowski, PhD  
University of Colorado Cancer Center

Aminah Jatoi, MD  
Mayo Clinic Cancer Center

Leigh E. Kinczewski, CNP  
Fox Chase Cancer Center

Elizabeth T. Loggers, MD, PhD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Belinda Mandrell, PhD, RN  
St. Jude Children’s Research Hospital/ The University of Tennessee Health Science Center

Susan Mclnnes, MD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Fremonta Meyer, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Barbara A. Murphy, MD  
Vanderbilt-Ingram Cancer Center

Oxana Palesh, PhD, MPH  
Stanford Cancer Institute

Michelle Walter, DO  
Roswell Park Comprehensive Cancer Center

Jason A. Webb, MD  
Duke Cancer Institute

Distress Management Panel

Michelle B. Riba, MD, MS / Chair  
University of Michigan Rogel Cancer Center

Kristine A. Donovan, PhD, MBA / Vice-Chair  
Moffitt Cancer Center

Kauser Ahmed, PhD  
UCLA Jonsson Comprehensive Cancer Center

Barbara L. Andersen, PhD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Ilana M. Braun, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

William S. Breitbart, MD  
Memorial Sloan Kettering Cancer Center

Benjamin W. Brewer, PsyD  
University of Colorado Cancer Center

Molly E. Collins, MD  
Fox Chase Cancer Center

Cheyenne Corbett, PhD  
Duke Cancer Institute

Stewart B. Fleishman, MD  
Guidelines Panel Consultant

Sofia Garcia, PhD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Donna B. Greenberg, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

George F. Handzo, MA, MDiv  
HealthCare Chaplaincy

Laura Herald Hoofring, MSN, APRN  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Chao-Hui S. Huang, PhD  
O’Neal Comprehensive Cancer Center at UAB

Palalvi Kumar, MD, MPH  
Abramson Cancer Center at the University of Pennsylvania

Hematopoietic Cell Transplantation Panel

Ayman A. Saad, MD / Chair  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Marcos De Lima, MD / Vice-Chair  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute
Sarah Anand, MD  
University of Michigan Rogel Cancer Center

Vijaya Raj R. Bhatt, MBBS  
Fred & Pamela Buffett Cancer Center

Javier Bolanos-Meade, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Ryan N. Bookout, PharmD  
Moffitt Cancer Center

George Chen, MD  
Roswell Park Comprehensive Cancer Center

Javier Bolanos-Meade, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Daniel R. Couriel, MD, MS  
Huntsman Cancer Institute at the University of Utah

Antonio Di Stasi, MD  
O’Neal Comprehensive Cancer Center at UAB

Areej El-Jawahri, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Sergio Giralt, MD  
Memorial Sloan Kettering Cancer Center

Jonathan Gutman, MD  
University of Colorado Cancer Center

Vincent T. Ho, MD  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Mitchell Horwitz, MD  
Duke Cancer Institute

Joe Hsu, MD  
Stanford Cancer Institute

Mark Juckett, MD  
University of Wisconsin Carbone Cancer Center

Mohamed Kharfan Dabaja, MD  
Mayo Clinic Cancer Center

Alison W. Loren, MD, MSCE  
Abramson Cancer Center at the University of Pennsylvania

Thomas G. Martin, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Marco Mielcarek, MD  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Jonathan Moreira, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Ryotaro Nakamura, MD  
City of Hope National Medical Center

Yago Nieto, MD, PhD  
The University of Texas MD Anderson Cancer Center

Caspian Oliai, MD  
UCLA Jonsson Comprehensive Cancer Center

Govri Satyanarayana, MD  
Vanderbilt-Ingram Cancer Center

Mark A. Schroeder, MD  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Dimitrios Tzachanis, MD, PhD  
UC San Diego Moores Cancer Center

Asya Nina Varshavsky-Yanovsky, MD, PhD  
Fox Chase Cancer Center

Madhuri Vusirikala, MD  
UT Southwestern Simmons Comprehensive Cancer Center

Hematopoietic Growth Factors Panel

Elizabeth A. Griffiths, MD / Chair  
Roswell Park Comprehensive Cancer Center

Vivek Roy, MD / Vice-Chair  
Mayo Clinic Cancer Center

Laura M. Alwan, PharmD, BCOP  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Kimo Bachiaashvili, MD  
O’Neal Comprehensive Cancer Center at UAB

Anna Brown, PharmD, BCOP  
University of Michigan Rogel Cancer Center

Rita Cool, PharmD, BCOP  
The University of Texas MD Anderson Cancer Center

Shira Dinner, MD  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Mark B. Geyer, MD  
Memorial Sloan Kettering Cancer Center

John Glaspy, MD  
UCLA Jonsson Comprehensive Cancer Center

Ivana Gojo, MD  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Aaron M. Goodman, MD  
UC San Diego Moores Cancer Center

Ashley Hicks, PharmD, BCOP  
University of Wisconsin Carbone Cancer Center

Avyakta Kallam, MD, MBBS  
Fred & Pamela Buffett Cancer Center

Wajih Zaheer Kidwai, MD  
Yale Cancer Center/Smilow Cancer Hospital

Dwight D. Kloth, PharmD, BCOP, FCCP  
Fox Chase Cancer Center

Eric H. Kraut, MD  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Daniel Landsburg, MD  
Abramson Cancer Center at the University of Pennsylvania

Gary H. Lyman, MD, MPH, FACP, FASCO, FRCP  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Ryan M. Miller, PharmD  
Vanderbilt-Ingram Cancer Center

Seema Patel, PharmD  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Shiven Patel, MD, MBA  
Huntsman Cancer Institute at the University of Utah

Lia E. Perez, MD  
Moffitt Cancer Center

Adam Poust, PharmD  
University of Colorado Cancer Center

Fauzia Riaz, MD  
Stanford Cancer Institute

Rachel Rosovsky, MD, MPH  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Hope S. Rugo, MD  
UCSF Helen Diller Family Comprehensive Cancer Center

Sepideh Shayani, PharmD, BCOP  
City of Hope National Medical Center

Shayna A. Simon, PharmD  
UT Southwestern Simmons Comprehensive Cancer Center

Sumithira Vasu, MBBS  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
Martha Wadleigh, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Kelly Westbrook, MD
Duke Cancer Institute

Peter Westervelt, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Management of Immunotherapy-Related Toxicity Panel

John A. Thompson, MD / Chair
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Julie Brahmer, MD, MSc / Vice-Chair
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Bryan J. Schneider, MD / Vice-Chair
University of Michigan Rogel Cancer Center

Amaka Achufusi, MD
University of Wisconsin Carbone Cancer Center

Sarimar Agosto Salgado, MD
UT Southwestern Simmons Comprehensive Cancer Center

Philippe Armand, MD, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Meghan Berkenstock, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Shailender Bhatia, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Lihua E. Budde, MD, PhD
City of Hope National Medical Center

Marianne Davies, DNP, RN, ACNP-BC, AOCNP, CNS
Yale Cancer Center/Smilow Cancer Hospital

David Dunnington, MA
Our Best Work Consulting

Amro Elshoury, MD
Roswell Park Comprehensive Cancer Center

Matthew Frigault, MD, MSc
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Yaron Gesthalter, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Aparna Hegde, MBBS
O’Neal Comprehensive Cancer Center at UAB

Michael D. Jain, MD, PhD
Moffitt Cancer Center

Benjamin H. Kaffenberger, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Melissa G. Lechner, MD, PhD
UCLA Jonsson Comprehensive Cancer Center

Daniel Lenihan, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Suzanne McGettigan, MSN, CRNP, AOCN
Abramson Cancer Center at the University of Pennsylvania

Jordan McPherson, PharmD, MS, BCOP
Huntsman Cancer Institute at the University of Utah

Nisha A. Mohindra, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Anthony J. Olszanski, MD, RPh
Fox Chase Cancer Center

Olahukan Oluwole, MD
Vanderbilt-Ingram Cancer Center

Sandip P. Patel, MD
UC San Diego Moores Cancer Center

Nathan A. Pennell, MD, PhD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Sunil A. Reddy, MD
Stanford Cancer Institute

Mabel Ryder, MD
Mayo Clinic Cancer Center

Bianca D. Santomasso, MD, PhD
Memorial Sloan Kettering Cancer Center

Scott Shofer, MD, PhD
Duke Cancer Institute

Jeffrey A. Sosman, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Yinghong Wang, MD, PhD
The University of Texas MD Anderson Cancer Center

Ryan M. Weight, DO, MS
University of Colorado Cancer Center

Palliative Care Panel

Maria Dans, MD / Chair
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Jean S. Kutner, MD, MSPH / Vice-Chair
University of Colorado Cancer Center

Rajiv Agarwal, MD
Vanderbilt-Ingram Cancer Center

Justin N. Baker, MD, FAHPM
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Jessica R. Bauman, MD
Fox Chase Cancer Center

Anna C. Beck, MD
Huntsman Cancer Institute at the University of Utah

Toby C. Campbell, MD, MSCI, FAHPM
University of Wisconsin Carbone Cancer Center

Elise C. Carey, MD
Mayo Clinic Cancer Center

Amy A. Case, MD, FAHPM
Roswell Park Comprehensive Cancer Center

Shalini Dalai, MD
The University of Texas MD Anderson Cancer Center

Danielle J. Doberman, MD, MPH
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Andrew S. Epstein, MD
Memorial Sloan Kettering Cancer Center

Leslie Fecher, MD
University of Michigan Rogel Cancer Center

Joshua Jones, MD, MA, FAHPM
Abramson Cancer Center at the University of Pennsylvania

Jennifer Kapo, MD
Yale Cancer Center/Smilow Cancer Hospital

Richard T. Lee, MD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute
## Prevention and Treatment of Cancer-Related Infections Panel

**Lindsey Robert Baden, MD / Chair**  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

**Sankar Swaminathan, MD / Vice-Chair**  
Huntsman Cancer Institute at the University of Utah

**Nikolaos Almyroudis, MD**  
Roswell Park Comprehensive Cancer Center

**Michael Angarone, DO**  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

**Gayle Blouin, PharmD, BCOP**  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

**Brian Buss, PharmD**  
University of Wisconsin Cancer Center

**Brenda Cooper, MD**  
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

**Sanjeet Dadwal, MD**  
City of Hope National Medical Center

**Erik R. Dubberke, MD**  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

**Ashley Engemann, PharmD, BCOP**  
Duke Cancer Institute

**Alison G. Freifeld, MD**  
Fred & Pamela Buffett Cancer Center

**John N. Greene, MD**  
Moffitt Cancer Center

**Kevin Gregg, MD**  
University of Michigan Rogel Cancer Center

**Hana Hakim, MD, MS**  
St. Jude Children’s Research Hospital/University of Tennessee Health Science Center

**Dora Y. Ho, MD, PhD**  
Stanford Cancer Institute

**Rachael A. Lee, MD**  
O’Neal Comprehensive Cancer Center at UAB

**Cathy Logan, MD**  
UC San Diego Moores Cancer Center

**Mark E. Lustberg, MD, PhD**  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

**Steven A. Pergam, MD, MPH**  
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

**Gowri Satyanarayana, MD**  
Vanderbilt-Ingram Cancer Center

**Mindy Schuster, MD**  
Abramson Cancer Center at the University of Pennsylvania

**Susan K. Seo, MD**  
Memorial Sloan Kettering Cancer Center

**Shmuel Shoham, MD**  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

**Jeffrey E. Topal, MD**  
Yale Cancer Center/Smilow Cancer Hospital

**John W. Wilson, MD**  
Mayo Clinic Cancer Center

**Otto O. Yang, MD**  
UCLA Jonsson Comprehensive Cancer Center

### Smoking Cessation Panel

**Peter G. Shields, MD / Chair**  
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

**Laura J. Bierut, MD / Vice-Chair**  
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

**Douglas Arenberg, MD**  
University of Michigan Rogel Cancer Center

**David Balis, MD**  
UT Southwestern Simmons Comprehensive Cancer Center

**Neal Benowitz, MD**  
UCSF Helen Diller Family Comprehensive Cancer Center

**Catherine E. Burdalski, PharmD, BCOP, TTS**  
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

**Paul M. Cinciripini, PhD**  
The University of Texas MD Anderson Cancer Center

**James M. Davis, MD**  
Duke Cancer Institute

**Donna Edmondson, MSN, AOCNP, CRNP**  
Fox Chase Cancer Center

**Brian Hitsman, PhD**  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

**Michael T. Jaklitsch, MD**  
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
Frank T. Leone, MD, MS
Abramson Cancer Center
at the University of Pennsylvania

Danielle E. McCarthy, PhD
University of Wisconsin
Carbone Cancer Center

Michael K. Ong, MD, PhD
UCLA Jonsson
Comprehensive Cancer Center

Elyse R. Park, PhD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Judith Prochaska, PhD, MPH
Stanford Cancer Institute

Jill Selzle, PA-C
Fred & Pamela Buffett Cancer Center

Christine E. Sheffer, PhD
Roswell Park Comprehensive Cancer Center

Sharon Spencer, MD
O’Neal Comprehensive Cancer Center at UAB

Jamie L. Studts, PhD
University of Colorado Cancer Center

Tawee Tanvetyanon, MD, MPH
Moffitt Cancer Center

Paul Thielking, MD
Huntsman Cancer Institute
at the University of Utah

Brian Tiep, MD
City of Hope National Medical Center

Hilary Tindle, MD, MPH
Vanderbilt-Ingram Cancer Center

James Urbanic, MD
UC San Diego Moores Cancer Center

Gregory Videtic, MD
Case Comprehensive Cancer Center/
University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

David Warner, MD
Mayo Clinic Cancer Center

C. Will Whitlock, NP, RN
Memorial Sloan Kettering Cancer Center

Douglas E. Wood, MD, FACS, FRCSEd
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Survivorship Panel

Crystal S. Denlinger, MD, FACP / Chair
Fox Chase Cancer Center

Tara Sanft, MD / Vice-Chair
Yale Cancer Center/Smilow Cancer Hospital

Saro Armenian, DO, MPH
City of Hope National Medical Center

K. Scott Baker, MD, MS
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Gregory A. Broderick, MD
Mayo Clinic Cancer Center

Andrew T. Day, MD, MPH
UT Southwestern Simmons Comprehensive Cancer Center

Wendy Demark-Wahnefried, PhD, RD
O’Neal Comprehensive Cancer Center at UAB

Kristin Dickinson, PhD, RN
Fred & Pamela Buffett Cancer Center

Debra L. Friedman, MD, MS
Vanderbilt-Ingram Cancer Center

Patricia A. Ganz, MD
UCLA Jonsson Comprehensive Cancer Center

Mindy E. Goldman, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Norah (Lynn) L. Henry, MD, PhD
University of Michigan Rogel Cancer Center

Christine Hill-Kayser, MD
Abramson Cancer Center
at the University of Pennsylvania

Melissa M. Hudson, MD
St. Jude Children’s Research Hospital/
The University of Tennessee Health Science Center

Nazanin Khakpour, MD, FACS
Moffitt Cancer Center

Divya Koura, MD
UC San Diego Moores Cancer Center

Allison L. McDonough, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Michelle E. Melisko, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Kathi Mooney, PhD, RN, FAAN
Huntsman Cancer Institute
at the University of Utah

Halle C. F. Moore, MD
Case Comprehensive Cancer Center/
University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Natalie Moryl, MD
Memorial Sloan Kettering Cancer Center

Javid J. Moslehi, MD
Vanderbilt-Ingram Cancer Center

Tracey O’Connor, MD
Roswell Park Comprehensive Cancer Center

Linda Overholser, MD, MPH
University of Colorado Cancer Center

Electra D. Paskett, PhD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Chirayu G. Patel, MD, MPH
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Lindsay C. Peterson, MD, MSCR
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

William F. Pirl, MD, MPH
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Alma Rodriguez, MD
The University of Texas MD Anderson Cancer Center

Kathryn J. Ruddy, MD, MPH
Mayo Clinic Cancer Center

Lidia Schapira, MD
Stanford Cancer Institute

Lillie D. Shockney, RN, MAS, BS
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Sophia K. Smith, PhD, MSW
Duke Cancer Institute

Karen L. Syrjala, PhD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Amye J. Tevaarwerk, MD
University of Wisconsin Carbone Cancer Center

Phyllis C. Zee, MD, PhD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University
NCCN Guidelines for Specific Populations Panels

Adolescent and Young Adult Oncology Panel

Smita Bhatia, MD, MPH / Chair
O’Neal Comprehensive Cancer Center at UAB

Alberto S. Pappo, MD / Vice-Chair
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center

Melissa Acquazzino, MD
Fred & Pamela Buffett Cancer Center

Marie Barnett, PhD
Memorial Sloan Kettering Cancer Center

Scott C. Borinstein, MD, PhD
Vanderbilt-Ingram Cancer Center

Sun Choo, MD
UC San Diego Moores Cancer Center

Rashmi Chugh, MD
University of Michigan Rogel Cancer Center

Carrye R. Cost, MD
University of Colorado Cancer Center

Shira Dinner, MD
Robert H. Lurie Comprehensive Cancer Center of Northwestern University

Douglas B. Fair, MD, MSCI
Huntsman Cancer Institute at the University of Utah

Noah Federman, MD
UCLA Jonsson Comprehensive Cancer Center

Jeanelle Folbrecht, PhD
City of Hope National Medical Center

Lindsay Frazier, MD, ScM
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Shipra Gandhi, MD
Roswell Park Comprehensive Cancer Center

Julie Germann, PhD
UT Southwestern Simmons Comprehensive Cancer Center

Robert Goldsby, MD
UCSF Helen Diller Family Comprehensive Cancer Center

Robert Hayashi, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Alex Y. Huang, MD, PhD
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute

Mary Huang, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Linda A. Jacobs, PhD, CRNP
Abramson Cancer Center at the University of Pennsylvania

Michael P. Link, MD
Stanford Cancer Institute

John A. Livingston, MD, MS
The University of Texas MD Anderson Cancer Center

Kevin C. Oeffinger, MD
Duke Cancer Institute

Amanda M. Parkes, MD
University of Wisconsin Carbone Cancer Center

Christine A. Pratillas, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Damon R. Reed, MD
Moffitt Cancer Center

Steven Robinson, MBBS
Mayo Clinic Cancer Center

Abby R. Rosenberg, MD, MA, MS
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Tara Sanft, MD
Yale Cancer Center/Smilow Cancer Hospital

Margaret Von Mehren, MD
Fox Chase Cancer Center

Nicholas Yeager, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Kaposi Sarcoma Panel

Erin Reid, MD / Co-Chair
UC San Diego Moores Cancer Center

Gita Suneja, MD, MSHP / Co-Chair
Huntsman Cancer Institute at the University of Utah

Richard F. Ambinder, MD, PhD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

Kevin Ard, MD, MPH
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Robert Baiocchi, MD, PhD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute

Evie H. Carchman, MD
University of Wisconsin Carbone Cancer Center

Oxana V. Crysler, MD
University of Michigan Rogel Cancer Center

Gaurav Goyal, MD
O’Neal Comprehensive Cancer Center at UAB

Neel Gupta, MD
Stanford Cancer Institute

Allison Hall, MD, PhD
Duke Cancer Institute

David Henry, MD
Abramson Cancer Center at the University of Pennsylvania

Bianna Herron, PharmD, BCOP, BCPS
Fox Chase Cancer Center

Kimberly L. Johung, MD, PhD
Yale Cancer Center/Smilow Cancer Hospital

Ann Klop, MD, PhD
The University of Texas MD Anderson Cancer Center

Ann S. LaCasce, MD
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center

Chi Lin, MD, PhD
Fred & Pamela Buffett Cancer Center

Manoj P. Menon, MD, MPH
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

David Morgan, MD
Vanderbilt-Ingram Cancer Center

Nitya Nathwani, MD
City of Hope National Medical Center

Ariela Noy, MD
Memorial Sloan Kettering Cancer Center

Lee Ratner, MD, PhD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine

Stacey Rizza, MD
Mayo Clinic Cancer Center

Julian Sanchez, MD
Moffitt Cancer Center

Jeff Taylor
HIV + Aging Research Project - Palm Springs
Older Adult Oncology Panel
Efrat Dotan, MD / Chair
Fox Chase Cancer Center
Louise C. Walter, MD / Vice-Chair
UCSF Helen Diller Family
Comprehensive Cancer Center
Ilene S. Browner, MD
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
Katherine Clifton, MD
Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine
Harvey Jay Cohen, MD
Duke Cancer Institute
Martine Extermann, MD, PhD
Moffitt Cancer Center
Cary P. Gross, MD
Yale Cancer Center/Smilow Cancer Hospital
Sumati Gupta, MD
Huntsman Cancer Institute at the University of Utah
Genevieve Hollis, CRNP
Abramson Cancer Center at the University of Pennsylvania
Joleen Hubbard, MD
Mayo Clinic Cancer Center
Reshma Jaggi, MD, DPhil
University of Michigan Rogel Cancer Center
Nancy L. Keating, MD, MPH
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
Elizabeth Kessler, MD
University of Colorado Cancer Center
Thuy T. Koll, MD
Fred & Pamela Buffett Cancer Center
Beatriz Korc-Grodzicki, MD, PhD
Memorial Sloan Kettering Cancer Center
June M. McKoy, MD, MBA, JD, MPH
Robert H. Lurie Comprehensive Cancer Center of Northwestern University
Sumi Misra, MD
Vanderbilt-Ingram Cancer Center
Tracey O’Connor, MD
Roswell Park Comprehensive Cancer Center
Cynthia Owusu, MD, MS
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute
Ashley E. Rosko, MD
The Ohio State University Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute
Marcia Russell, MD
UC San Diego Moores Cancer Center
Mina S. Sedrak, MD, MS
City of Hope National Medical Center
Fareeha Siddiqui, MD
UC San Diego Moores Cancer Center
Derek L. Stirewalt, MD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance
Ishwaria M. Subbiah, MD, MS
The University of Texas MD Anderson Cancer Center
William P. Tew, MD
Memorial Sloan Kettering Cancer Center
Grant R. Williams, MD
O’Neal Comprehensive Cancer Center at UAB
Matthew Faiman, MD, MBA, FACP
Case Comprehensive Cancer Center/University Hospitals Seidman Cancer Center and Cleveland Clinic Taussig Cancer Institute
Jamie Fierlage, MD, MS
St. Jude Children’s Research Hospital/The University of Tennessee Health Science Center
Elizabeth A. Handorf, PhD
Fox Chase Cancer Center
John M. Hoffman, MD
Huntsman Cancer Institute at the University of Utah
Timothy J. Kaufmann, MD, MS
Mayo Clinic Cancer Center
Ella A. Kazerouni, MD, MS
University of Michigan Rogel Cancer Center
Louis B. Nabors, MD
O’Neal Comprehensive Cancer Center at UAB
Larissa Nechlyudov, MD, MPH
Dana-Farber/Brigham and Women’s Cancer Center | Massachusetts General Hospital Cancer Center
Mary W. Redman, PhD
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance
Trevor A. Rose, Jr., MD, MPH
Moffitt Cancer Center
Ronnie Sebro, MD, PhD
Abramson Cancer Center at the University of Pennsylvania
Sharon Spencer, MD
O’Neal Comprehensive Cancer Center at UAB
Hebert Alberto Vargas, MD
Memorial Sloan Kettering Cancer Center
Margaret Von Mehren, MD
Fox Chase Cancer Center
Douglas E. Wood, MD, FACS, FRCSEd
Fred Hutchinson Cancer Research Center/Seattle Cancer Care Alliance

Advisory Panel

Imaging

Elliott K. Fishman, MD / Chair
The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins
Mahmoud M. Al-Hawary, MD
University of Michigan Rogel Cancer Center
Dominique Delbeke, MD, PhD
Vanderbilt-Ingram Cancer Center
NCCN Staff

Michael Abrams
AV Technologies Specialist

Lindsey A.M. Bandini, MPH
Senior Quality of Oncology Care Fellow

Kimberly Bayer
Senior CE Specialist

Mary Ellen Benetz, BA
Research Study Associate

Mary Anne Bergman
Guidelines Coordinator

Kieran Berkery
Business Development Specialist

Marian Birkeland, PhD
Senior Director, Compendia Development

Donna Black
Guidelines Administrative Manager

Michael Blake, MSIS
Associate Director, Information Technology

Eileen C. Boscia, CPA, MBA
Vice President, Chief Financial Officer

Melissa Buono, BA
Guidelines Support Specialist

Jennifer L. Burns
Manager, Guidelines Support

Kimberly A. Callan, MS, ELS
Senior Director, JNCCN

Robert W. Carlson, MD
Chief Executive Officer

Sonia N. Castro
Executive Assistant

Sam Cho
Network Administrator

Rachael Clarke
Senior Medical Copyeditor

Karen Comsa
Administrative/Project Assistant

Susan D. Darlow, PhD
Oncology Scientist/Senior Medical Writer

Rachel Darwin
Manager, Public Relations

Sarah DeVincenzo, PharmD, BCPS
Oncology Pharmacist, Drugs & Biologics Programs

Jean Marie Dougherty
Executive Assistant

Mary A. Dwyer, MS, CGC
Director, Guidelines Operations

Anita M. Engh, PhD
Oncology Scientist/Medical Writer

Colleen Erb, MSN, RN, AOCNP
Oncology Nurse, Chemotherapy Template Development

Ellen Erkess
Guidelines Support Specialist

Melissa Esplen
Guidelines Support Specialist

Amanda Evangelista, MBA
Senior Accountant

Tanya M. Fischer, MEd, MSLIS
Medical Writer

Erin Frantz
Marketing Manager

Deborah A. Freedman-Cass, PhD
Manager Licensed Clinical Content

Beth Gaffney, MBA
Vice President, U.S. & Global Business Development

Leigh Gallo, JD
Global Policy/Advocacy Fellow

Elisabeth Ganiszewski
Human Resource Generalist

Mark A. Geisler
Director, Conferences & Meetings

Giby V. George, MD
Oncology Scientist/Medical Writer

Donald T. Green
Manager, Major Gifts and Planned Giving

Erin D. Green, BA
Business Development Specialist

Kristina M. Gregory, RN, MSN, OCN
Vice President, Clinical Information Programs

Lisa A. Gurski, PhD
Oncology Scientist/Senior Medical Writer

William Guthier
IT Systems Support Specialist

Sandra Hammerschmidt
Administrative Assistant

Evelyn Handel, PharmD, BCPS, BCOP
Director, Drugs & Biologics Programs

Laura J. Hanisch, PsyD
Medical Writer/Patient Information Specialist

Genevieve M. Hartzman, MA
Senior Journal Production Specialist

Kristin Kline Hasson
Director, Continuing Medical Education

Tricia M. Heinrichs, PMP
Project Analyst

Stephanie Heibling, MPH, CHES
Medical Writer

June L. Henry, MBA
Accounting Manager

Kyle L. Herrmann, RN, BSN, OCN
Oncology Nurse, Chemotherapy Template Development

Erin R. Hesler
Administrative/Project Assistant

Cindy Hochstetler, PhD
Oncology Scientist/Medical Writer

Anne Holbrook PharmD, BCOP
Oncology Pharmacist, Drugs & Biologics Programs

Liz Hollinger, RN, BSN
Guidelines Layout Specialist

CarolAnn Hoppes, MSN, RN
Clinical Research Manager

Miranda Hughes, PhD
Oncology Scientist/Senior Medical Writer

Megan Inincik
Senior Business Development Specialist

Jessica L. Jarman
Senior Financial Analyst
Terrell Johnson, MPA  
Manager, Policy and Advocacy

Rose Joyce  
Senior Project Manager, Conferences & Meetings

Joseph M. Junod, MBA  
Senior Director, Information Technology

Nicole A. Kamienski, BS, CCRP  
Senior Research Study Associate

Karen Kanefield, BA  
Manager, CE Accreditation & Program Operations

Ann O. Karosas, RPh, BCOP  
Senior Oncology Pharmacist, Drugs & Biologics Programs

Jennifer Keller, MSS  
Guidelines Layout Specialist

Susan Kidney  
Graphic Design Specialist

Wui-Jin Koh, MD  
Senior Vice President, Chief Medical Officer (CMO)

Diana M. Krause, MHA  
Best Practices Program Manager

Rashmi Kumar, PhD  
Director, Clinical Information Operations

Andrew G. Lash, CPA  
Controller

Linda L. Leach  
Vice President, Administration & Human Resources

Deanne Lovina  
Business Development Program Manager

Daniel T. Lui, PharmD, BCPS  
Oncology Pharmacist, Drugs & Biologics Programs

Beth Lynn, RN, CMSRN  
Guidelines Layout Specialist

Joseph P. MacAfee III  
Network Operations Manager

Mary Ellen Martelli  
Accounting Coordinator

Kara R. Martin, MPH  
Policy/Advocacy Fellow

Heather Matt  
Research Study Associate

Caitlin McAuley  
Project Manager, Global Business Development

James McCanney, JD  
Manager, Payer and Employer Outreach

Robert McClain  
Lead .NET Application Developer

Kelly McClurg  
Accounts Payable Coordinator

Thomas McDevitt, BS  
.NET Application Developer

Tracy McDowell  
Manager, Global Business Development

Nicole R. McMillian, MS, CHES  
Guidelines Coordinator

Diane McPherson  
Meeting Planner

Angela D. Motter, PhD  
Oncology Scientist/Medical Writer

Jill A. Mullen, MPA  
Director, Member Relations

Sharia Nesbit  
Accounts Receivable Staff Accountant

Ndiya Ogba, PhD  
Oncology Scientist/Senior Medical Writer

Sharon F. Park, PharmD, BCOP  
Oncology Pharmacist, Drugs & Biologics Programs

Dawn Pattyson  
Grant Coordinator

Lisa Perfidio, MS  
Manager, CE Supporter Outreach

Beth Perri  
Receptionist

Rosemary Pfugler  
Administrative/Project Assistant

Lenora Pluchino, PhD  
Oncology Scientist/Medical Writer

James T. Polson, BS, RT(R)(CT)  
Oncology Scientist, Imaging Program

Donna M. Powell, DHSc, CMD, RT(T)  
Senior Scientist, Radiation & Imaging Programs

Danielle Quigley  
Marketing Specialist

Chris Rawlins  
UI Application Developer

Wendy L. Rees, MBA  
Grants Manager

Liz Rieder  
Senior Registration Manager

Rachael A. Ritchie  
Business Development Coordinator

Kerrin M. Rosenthal, MA  
Associate Managing Editor

Shannon Ryan, CMP  
Senior Manager, Conferences & Meetings

Cari Saalbach  
Human Resource Generalist

Narender Sara, MSc, MBA  
.NET Application Developer

Donna Scharf  
Research Study Associate

Alyssa Schatz, MSW  
Senior Director, Policy & Advocacy

Dorothy A. Shead, MS  
Director, Patient Information Operations

Jeannette Shultz  
Patient Communications Coordinator

Kathy Ann Smith, CHCP  
Manager, CE Grant Writing & Project Management

Samantha L. Tamburro, RN, BSN, CPON  
Oncology Nurse, Chemotherapy Template Development

Jennifer P. Tredwell, MBA  
Vice President, Marketing and Communications

Lauren Trevorah  
Global Business Development Coordinator

Sherry L. Ulrich, MBA  
Market Insights Specialist

Erin Vidic, MA  
Medical Writer

Amanda Visnick, RN, BSN, OCN  
Manager, Licensed Templates Content

Lee Anne Waldner  
Administrative Assistant

Doreen Walker  
Administrative Assistant

Sarah Weinstein  
Project Coordinator

Gary J. Weyhmuller, MBA, SPHR  
Executive Vice President/Chief Operating Officer

Jessica Wilbur  
Corporate Communications Specialist

Kimberly Williams  
Manager, Creative Services

Katya Winckworth-Prejsnar, MPH  
Global Policy & Strategic Alliances Manager