

INTERNATIONAL KIDNEY CANCER SYMPOSIUM: NORTH AMERICA

Symposium Guide

TABLE OF CONTENTS

Welcome Letters ————————————————————————————————————	3
About the Kidney Cancer Association —————	5
Continuing Medical Education Information ————	8
Program Agenda ————————————————————————————————————	11
Poster Listings ————————————————————————————————————	23
Sponsors and Exhibitors	29
Hyatt Regency Map	30

JOIN THE CONVERSATION ON SOCIAL MEDIA

We encourage all attendees to share their IKCS: North America experience on social media!

#IKCSNA22 @KidneyCancer



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PASSWORD IKCSNA22



The International Kidney Cancer Symposium

The Kidney Cancer Association (KCA) presents the International Kidney Cancer Symposium: North America, an opportunity for physicians, researchers, academics, and industry professionals from across the region to join and exchange ideas that will direct the future of kidney cancer research and treatment in the ultimate pursuit of a cure.

IKCS meetings are a front-row seat to emerging research, noteworthy breakthroughs, current challenges, and promising treatments in kidney cancer. The community feel promotes learning, networking, and unparalleled opportunities for mentorship and collaboration.



HEALTH AND SAFETY INFORMATION

IKCS: North America will follow all local health and safety policies.

Additional information is available on our website at

kcameetings.org/2022-ikcs-north-america

WELCOME FROM KCA'S PRESIDENT & CEO

We are pleased to welcome you to the 2022 IKCS: North America!

We are grateful to be together in-person once again in Austin, Texas, for an exciting program that showcases the best in kidney cancer research and discovery. We also welcome those joining virtually from around the world to exchange ideas that will direct the future of kidney cancer research.

This year, we are honored to have David McDermott, MD, Chief of Medical Oncology from Beth Israel Deaconess Medical Center deliver the Keynote Lecture. In addition, this year's meeting presents two newly established awards: The Christopher G. Wood Rising Star Award, established in memory of Christopher G. Wood, former Chairman of the Board of Directors, to commemorate his commitment to the kidney cancer community. This award is given to the early-career scientist or physician within seven years of an initial faculty appointment who embodies Chris' spirit for community and collaboration. Also new this year is The Nicholas J. Vogelzang Humanitarian Award, dedicated and awarded to our late KCA Co-Founder, kidney cancer trailblazer, and colleague Nicholas J. Vogelzang, MD, FACP, FASCO. Thank you to all of this year's award recipients for your outstanding contributions to the kidney cancer field.

Make sure to spend time in the exhibit hall, network with fellow attendees both in-person and virtually (use the official Twitter hashtag #IKCSNA22), and don't forget to collect your CME credits.

We thank those who worked diligently to bring us a dynamic event while prioritizing health and safety. Among those are:

- Our presenters and panelists
- Our sponsors, exhibitors, and attendees
- Our Planning Committee: Eric A. Singer, MD, MA, FACS (Co-Chair); Tian Zhang, MD (Co-Chair);
 Maria Carlo, MD; Jodi Marachie, MD; Vitaly Margulis, MD; Bradley McGregor, MD; Phillip Pierorazio,
 MD; Kiran Virdee, RN, BSN, CCRN; Laura Wood, RN, MSN, OCN; Yousef Zakharia, MD

Your contributions to this journey and service to patients and families are an inspiration. We at the KCA are proud to support you and help forge new paths to unlocking the cure!

Sincerely,

Gretchen E. Vaughan

President and CEO, Kidney Cancer Association #UnstoppableTogether

WELCOME FROM THE CITY OF AUSTIN



Dear 2022 IKCS: North America attendees,

Welcome to Austin! We are thrilled that the Kidney Cancer Association chose Austin to host the International Kidney Cancer Symposium. On behalf of Visit Austin and the hospitality community, it is my pleasure to invite you to enjoy our city.

As you may know, Austin is a city built on cultivating big ideas. Willie Nelson came here to reinvent country music. Michael Dell reinvented the assembly line in his dorm room at the University of Texas. And John Mackey with Whole Foods reinvented what grocery stores can be—all right here in Austin, a special city where great ideas come to life. Great ideas are created when people from all walks of life come together, and that's what I hope will happen at your conference this year.

While you are here, I encourage you to experience all that Austin has to offer. Visit our parks, open air venues, restaurants, Lady Bird Lake hike and bike trail, and the many entertainment districts, including Sixth Street, Rainey Street, Downtown (the home of Austin City Limits), and the Market District. We hope you all have a great time and learn why Austin is a favorite national and international destination.

Thank you again for choosing Austin for your annual conference. We hope you enjoy your stay!

Sincerely,

Tom Noonan

President & CEO

 $Visit\,Austin$

ABOUT THE KCA

The Kidney Cancer Association was founded in 1990 by Eugene P. Schonfeld and a small group of patients and doctors in Chicago, Illinois, and has grown into an international non-profit organization. The KCA promotes scientific advances through two annual research symposiums and a robust grant program, participates in legislative advocacy, and seeks to be a source of education and resources for patients, caregivers, and anyone impacted by kidney cancer.

OUR VISION is to be the universal leader in finding the cure for kidney cancer.

OUR MISSION is to be a global community dedicated to serving and empowering patients and caregivers, and leading change through advocacy, research, and education.

MAIL DONATIONS TO

Please send donations to our secure lock-box:

Kidney Cancer Association

PO Box 676226, Dallas, TX 75267-6226

USA: (800) 850-9132

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EMAIL: office@kidneycancer.org

"One of the Association's most important contributions is its support of the physicians, nurses, and cancer care team members who care for patients with kidney cancer. Through our educational activities, we help ensure that the latest medical advances and best practices are shared. Our global medical conferences bring together the world's leading technology and treatment options."

Gretchen E. Vaughan

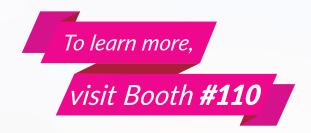
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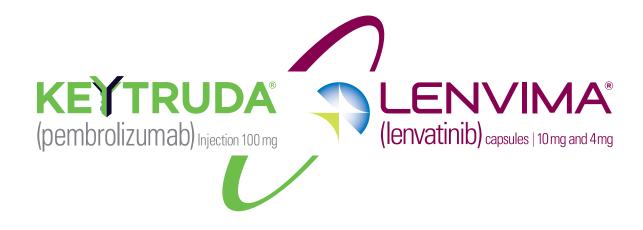
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Visit the **Merck** and **Eisai** booths for more information.

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CONTINUING MEDICAL EDUCATION INFORMATION

TO CLAIM CREDIT: Go to the web portal eventscribe.net/2022/IKCSNA22/index.asp?launcher=1

This activity is jointly provided by The France Foundation and The Kidney Cancer Association.





TARGET AUDIENCE

This educational activity is intended for medical oncologists and urologists who treat patients with kidney cancer. All other healthcare professionals involved in the management of kidney cancer are invited to participate.

STATEMENT OF NEED

Education and interaction surrounding the space of renal cell carcinoma are paramount to improving patient care. This program is targeted to physicians, advocates, and researchers to help promote learning and collaboration for advancement in the renal cancer space.

EDUCATIONAL ACTIVITY LEARNING OBJECTIVES

Upon completion of this course, the participants should be able to:

- Characterize the various therapies currently available for locally advanced and metastatic renal cell carcinoma
- Identify the novel approaches to non-clear RCC patient management
- Understand the role of the tumor microenvironment in kidney cancer
- Discuss how to design biomarker driven clinical trials in kidney cancer

ACCREDITATION STATEMENT

In support of improving patient care, this activity has been planned and implemented by The France Foundation and the Kidney Cancer Association. The France Foundation is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



CREDIT DESIGNATION

Physicians: The France Foundation designates this live activity for a maximum of 11.25 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

METHOD OF PARTICIPATION/HOW TO RECEIVE CREDIT

- 1. Review the activity objectives and CME/CE information.
- 2. Participate in the CME/CE activity.
- 3. TO CLAIM CREDIT: Go to the web portal eventscribe.net/2022/IKCSNA22/index.asp?launcher=1 Complete the evaluation form, which provides each participant with the opportunity to comment on how participating in the activity will affect their professional practice; the quality of the instructional process; the perception of enhanced professional effectiveness; the perception of commercial bias; and his/her views on future educational needs.
- 4. If you are requesting educational credits or a certificate of participation, your certificate will be available for download.

DISCLOSURE POLICY

In accordance with the ACCME Standards for Commercial Support, The France Foundation (TFF) and The Kidney Cancer Association (KCA) require that individuals in a position to control the content of an educational activity disclose all relevant financial relationships with any commercial interest. TFF And KCA resolve all conflicts of interest to ensure independence, objectivity, balance, and scientific rigor in all their educational programs. Furthermore, TFF and KCA see to verify that all scientific research referred

to, reported, or used in a CME/CE activity conforms to the generally accepted standards of experimental design, data collection, and analysis. TFF and KCA are committed to providing learners with high-quality CME/CE activities that promote improvements in health care and not those of a commercial interest.

Please visit https://bit.ly/3CO23zO to view disclosures for all IKCS:
North America Planners and Faculty.

DISCLOSURE OF UNLABELED USE

TFF and KCA require CME faculty (speakers) to disclose when products or procedures being discussed are off label, unlabeled, experimental, and/or investigational, and any limitations on the information that is presented, such as data that are preliminary, or that represent ongoing research, interim analyses, and/or unsupported opinion. Faculty in this activity may discuss information about pharmaceutical agents that is outside of US Food and Drug Administration approved labeling. This information is intended solely for continuing medical education and is not intended to promote off-label use of these medications. TFF and KCA do not recommend the use of any agent outside of the labeled indications. If you have questions, contact the Medical Affairs Department of the manufacturer for the most recent prescribing information.

DISCLAIMER

TFF and KCA present this information for educational purposes only. The content is provided solely by faculty who have been selected because of recognized expertise in their field. Participants have the professional responsibility to ensure that products are prescribed and used appropriately on the basis of their own clinical judgment and accepted standards of care. The France Foundation, KCA, and the commercial supporter(s) assume no liability for the information herein.

SOURCES OF FUNDING

Funding sources supporting this conference include the following:

- Participants' registration fees
- Exhibition booths during the event

INFORMATION

If you have questions about this CME/CE activity, please contact The France Foundation at 860-434-1650 or jchahal@francefoundation.com

Virtual Only: QR code contains link to participate in session virtually.



SPONSORED SYMPOSIA LIST

Thursday, November 3 6:00pm - 7:00pm PRESENTED BY EISAI	A First-line Treatment Option for Your Adult Patients With Advanced Renal Cell Carcinoma Faculty	Sandy Liu, M.D. Assistant Clinical Professor, Department of Medical Oncology and Therapeutics Research Medical Director of Genitourinary Medical Oncology, City of Hope Orange County
Thursday, November 3 7:00pm - 8:00pm PRESENTED BY PEERVIEW	RCC Clinical Consults: Making Difficult Treatment Decisions at the Intersection of the Data and the Real World	PeerView Institute for Medical Education Sumanta "Monty" K. Pal, MD, FASCO City of Hope
Friday, November 4 1:15pm – 2:15pm PRESENTED BY EXELIXIS	A Combination Treatment for Patients with Advanced Renal Cell Carcinoma	John Sarantopoulos, MD UT Health San Antonio MD Anderson Cancer Center
Friday, November 4 6:00pm-7:00pm PRESENTED BY MERCK	A Treatment Option for Certain Patients With RCC in the Adjuvant Setting	Amit Mehta, M.D.

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- 1. Go to eventscribe.net/2022/IKCSNA22/index.asp?launcher=1
- 2. Log in with your email address and Access Key

To Submit a Question During a Session Q+A

- 1. Go to eventscribe.net/2022/IKCSNA22/index.asp?launcher=1
- 2. Log in with your email address and Access Key
- 3. Click Program, then open the session you wish to attend
- 4. To submit a question to speakers, click the Question button on the bottom right-hand corner of the window

Program Agenda • Thursday, November 3, 2022

1:30pm-7:00pm	Registration Open	
2:00pm-5:00pm	KCA Think Tank sponsored by Pfizer - Non-CME (by Invitation Only) BIG BEND BALLROOM	
5:00pm-6:00pm	Welcome and First-time Attendee Happy Hour (In-person Only) ZILKER TERRACE	
6:00pm-7:00pm	Non-CME Symposium - Eisai A First-line Treatment Option for Your Adult Patients With Advanced Renal Cell Carcinoma FULLY VIRTUAL	Sandy Liu, M.D. Assistant Clinical Professor, Department of Medical Oncology and Therapeutics Research Medical Director of Genitourinary Medical Oncology, City of Hope Orange County Irvine, CA
7:00pm - 8:00pm	Non-CME Symposium - PeerView RCC Clinical Consults: Making Difficult Treatment Decisions at the Intersection of the Data and the Real World HILL COUNTRY BALLROOM	PeerView Institute for Medical Education Sumanta "Monty" K. Pal, MD, FASCO City of Hope



6:30am-6:00pm	Registration Open	
7:45am-8:15am	Breakfast ZILKER 1 & 2 AND ZILKER FOYER	
6:30am-6:30pm	Poster and Exhibit Hall Open ZILKER 1 & 2 AND ZILKER FOYER	
6:45am-7:45am	Women in RCC sponsored by Exelixis - Non-CME BIG BEND BALLROOM A & B	Session Chair/Moderator: Maria Carlo, MD Memorial Sloan Kettering Cancer Center Elaine Chang, MD Food and Drug Administration Vicki Goodman, MD CEO, Exelixis W. Kimryn Rathmell, MD, PhD Vanderbilt University Medical Center
7:45am-8:00am	Break ZILKER 1 & 2 AND ZILKER FOYE	R
8:00am-8:10am	Welcome, Day 1 ZILKER 3 & 4	Eric A. Singer, MD, MA, MS, FACS, FASCO The Ohio State University Comprehensive Cancer Center Tian Zhang, MD, MHS University of Texas Southwestern Medical Center

8:10am-10:00am	Session 1: Treatment Debates in RCC ZILKER 3 & 4	Session Chair/Moderator: Vitaly Margulis, MD University of Texas Southwestern Rana McKay, MD UCSD
8:10am-8:15am	Debate 1: Surveillance vs Intervention Case Presentation	Rana McKay, MD UCSD
8:15am-8:25am	The Case for Surveillance	Phillip M. Pierorazio, MD Penn Medicine
8:25am-8:35am	The Case for Intervention	Raquib Hannan, MD, PhD University of Texas Southwestern
8:35am-8:45am	Debate Discussion 1: Surveillance vs Intervention	
8:45am-8:50am	Debate Discussion 2: Adjuvant or Not? Case Presentation	Vitaly Margulis, MD University of Texas Southwestern
8:50am-9:00am	The Case for Adjuvant Therapy	Bradley McGregor, MD Dana-Farber Cancer Institute
9:00am-9:10am	The Case for Not Adjuvant Therapy	Naomi Balzer Haas, MD Penn Medicine
9:10am-9:20am	Debate Discussion 2: Adjuvant or Not	
9:20am-9:25am	Debate Discussion 3: Doublet or Triplet as First-line Treatment in Kidney Cancer Case Presentation	Vitaly Margulis, MD University of Texas Southwestern
9:25am-9:35am	In Favor of Doublet Treatment	Yousef Zakharia, MD University of Iowa
9:35am-9:45am	In Favor of Triplet Treatment	Rana McKay, MD UCSD

9:45am-9:55am	Debate Discussion 3: Doublet vs Triplet	
9:55am-10:00am	Session 1 Wrap Up	Vitaly Margulis, MD University of Texas Southwestern
	Patient Perspective: Russ Nicholson	
10:00am-11:00am	Session 2: Side-effect Management and Quality of Life Perspectives ZILKER 3 & 4	Session Chair/Moderator: Elizabeth Wulff-Burchfield, MD University of Kansas Medical Center
10:00am-10:15am	Quality of Life and Systemic Therapy for Renal Cell Carcinoma	Elizabeth Wulff-Burchfield, MD University of Kansas Medical Center
10:15am-10:25am	Patient Perspective on Side-effects and Care	Laura Esfeller, MA San Manuel Band of Mission Indians
10:25am-10:30am	Daily Aspects of Side-effect Management	Kiran Virdee, RN CCRN-K Memorial Sloan Kettering Cancer Center
10:30am-11:00am	Panel Discussion and Case Study: Navigating Renal Cell Carcinoma Side-effects Beyond Oncology and Urology	Moderator: Elizabeth Wulff-Burchfield, MD University of Kansas Medical Center Panelist: Kiran Virdee, RN CCRN-K Memorial Sloan Kettering Cancer Center Panelist: Yan Liu, MD, PhD Ascension Texas Cardiovascular Panelist: Afreen Shariff, MD, MBBS Duke Health Panelist: Michael L. Dougan, MD, PhD Massachusetts General Hospital and Harvard Medical School

11:00am-11:30am

Break

ZILKER 1 & 2 AND ZILKER FOYER

11:30am-11:50am	Session 3: The Professional State of RCC ZILKER 3 & 4	W. Kimryn Rathmell, MD, PhD Vanderbilt University Medical Center
11:50am-1:00pm	Session 4: Professional Development Workshop (In-person Only) ZILKER 3 & 4	Session Chair/Moderator: Eric A. Singer, MD, MA, MS, FACS, FASCO The Ohio State University Comprehensive Cancer Center Tian Zhang, MD, MHS University of Texas Southwestern Medical Center
11:55am-12:30pm	Breakout Group 1: Professional Development and What I Wish I Had Known 10 Years Ago	Bradley C. Leibovich, MD Mayo Clinic Tian Zhang, MD, MHS University of Texas Southwestern Medical Center Daniel J. George, MD Duke University Medical Center
11:55am-12:30pm	Breakout Group 2: Learning From Others' Experience: How and When to Consider Career Moves	Brian Rini, MD Vanderbilt-Ingram Cancer Center Eric A. Singer, MD, MA, MS, FACS, FASCO The Ohio State University Comprehensive Cancer Center W. Kimryn Rathmell, MD, PhD Vanderbilt University Medical Center Jodi Maranchie, MD University of Pittsburgh Medical Center
11:55am-12:30pm	Breakout Group 3: Career Opportunities in Industry and Options Outside Academia	Subramanian Hariharan, MD, FACP Pfizer Oncology Jose R. Perez, MD Exelixis Bradley McGregor, MD Dana-Farber Cancer Institute

12:30pm-1:00pm	Bringing it Back Together: Insights from Each Breakout Group and Q+A	Eric A. Singer, MD, MA, MS, FACS, FASCO The Ohio State University Comprehensive Cancer Center Tian Zhang, MD, MHS University of Texas Southwestern Medical Center
1:00pm-2:30pm	Lunch and Posters ZILKER 1 & 2 AND ZILKER FOYER	
1:15pm-2:15pm	Non-CME Symposium - A Combination Treatment for Patients with Advanced Renal Cell Carcinoma - Supported by Exelixis HILL COUNTRY BALLROOM	John Sarantopoulos, MD UT Health San Antonio MD Anderson Cancer Center
2:30pm-3:15pm	Session 5: Keynote ZILKER 3 & 4	Session Chair/Moderator: Tian Zhang, MD, MHS University of Texas Southwestern Medical Center
2:35pm-3:00pm	Keynote Lecture: Kidney Cancer as a Model for a Curable Neoplasm	David McDermott, MD Beth Israel Deaconess Medical Center
3:00pm-3:15pm	Q&A	

Session 6: Multidisciplinary Team Approaches to Rare Subtypes ZILKER 3-4	Session Chair/Moderator: Jodi Maranchie, MD University of Pittsburgh Medical Center
Collecting Duct and Sarcomatoid/ Rhabdoid Subtypes	David A. Braun, MD, PhD Yale School of Medicine
Biology and Management of Translocation Renal Cell Carcinoma	Srinivas R. Viswanathan, MD, PhD Dana-Farber Cancer Institute
Multidisciplinary Management of Renal Medullary Carcinoma	Pavlos Msaouel, MD, PhD University of Texas MD Anderson Cancer Center
Abstract 1: Spatial Molecular Imaging to Profile the Epithelial to Mesenchymal Transition and Immune Crosstalk in Sarcomatoid Renal Cell Carcinoma	1
Abstract 2: Biomarkers of Disease Burden and Treatment Response in Renal Medullary Carcinoma	Kyle A. Blum, MD, MS University of Texas Houston, MD Anderson Cancer Center
Panel Discussion and Q&A: Best Practices for Multidisciplinary Care Teams	Payal Kapur, MD University of Texas Southwestern Ivan Pedrosa, MD, PhD University of Texas Southwestern Steven Chang, MD, MS Dana-Farber/Brigham and Women's Cancer Center Stephanie Berg, DO Dana-Farber Cancer Institute Chad Tang, MD University of Texas MD Anderson Cancer Center
	Approaches to Rare Subtypes ZILKER 3-4 Collecting Duct and Sarcomatoid/ Rhabdoid Subtypes Biology and Management of Translocation Renal Cell Carcinoma Multidisciplinary Management of Renal Medullary Carcinoma Abstract 1: Spatial Molecular Imaging to Profile the Epithelial to Mesenchymal Transition and Immune Crosstalk in Sarcomatoid Renal Cell Carcinoma Abstract 2: Biomarkers of Disease Burden and Treatment Response in Renal Medullary Carcinoma Panel Discussion and Q&A: Best Practices for

4:30pm-5:15pm	Session 7: Academy of Kidney Cancer Investigators ZILKER 3 & 4	Session Chair/Moderator: Brian Rini, MD Vanderbilt-Ingram Cancer Center
4:40pm-4:55pm	Circulating Biomarkers in Renal Cell Carcinoma	Wenxin Xu, MD Dana-Farber Cancer Institute
4:55pm-5:10pm	Recurrent Genomic Alterations Driving Clear Cell Renal Cell Carcinoma Development	Peter Ly, PhD University of Texas Southwestern Medical Center
5:10pm-5:15pm	Panel Discussion and Q&A	
5:15 PM- 5:30 PM	Remembering Nicholas J. Vogelzang, MD, FASCO, FACP ZILKER 3 & 4	Brian Rini, MD Vanderbilt-Ingram Cancer Center
5:30pm-7:00pm	Evening Reception sponsored by Exelixis Vintage Guitar Station and Social Media Wall available for guest ZILKER 1 & 2 AND ZILKER FOYER	
5:45pm-6:30pm	Poster Walks Sponsored by Pfizer (In-person Only) ZILKER 1 & 2 AND ZILKER FOYER	Sumanta Kumar Pal, MD, FASCO City of Hope Shawn Dason, MD Ohio State University Medical Center
5:45pm-6:30pm	Poster Walks Sponsored by Pfizer (Online Only)	Bradley McGregor, MD Dana-Farber Cancer Institute Phillip M. Pierorazio, MD Penn Medicine
6:00pm-7:30pm	Non-CME Symposium- Merck A Treatment Option for Certain Patients With RCC in the Adjuvant Setting HILL COUNTRY BALLROOM	Amit Mehta, M.D. Premier Hematology Oncology

6:30am-1:00pm	Registration Open	
6:30am-7:15am	Group Run (In-person only, advanced registration required) HYATT HOTEL LOBBY	Bradley McGregor, MD.
6:30am-7:30am	Group Yoga (In-person only, advanced registration required) BIG BEND BALLROOM	Phillip Pierorazio, MD.
7:45am-8:15am	Breakfast ZILKER FOYER	
6:30am-2:00pm	Poster and Exhibit Hall Open ZILKER 1 & 2 ZILKER FOYER	
8:00am-8:15am	Welcome, Day 2 Updates from the KCA ZILKER 3-4	Daniel J. George, MD Duke University Medical Center
8:15am-9:15am	Session 8: Regulatory for New Trials ZILKER 3-4	Session Chair/Moderator: Sumanta Kumar Pal, MD, FASCO City of Hope
8:15am-8:30am	The New Era of Clinical Trials: Meeting Regulatory Requirements and Decreasing Barriers	Elaine Chang, MD United States Food and Drug Administration
8:30am-8:45am	Choosing Endpoints and Designs of Future Trials	Chung-Han Joe Lee, BS, PhD, MD Memorial Sloan Kettering Cancer Center
8:45am-9:00am	Experiences with Patient Acceptance of Clinical Trials	Laura S. Wood, RN, MSN, OCN Retired, Cleveland Clinic Cancer Center
9:00am-9:05am	Abstract 3: Assessment of Eligibility Criteria in Contemporary Renal Cell Carcinoma (RCC) Trials Evaluating Systemic Therapy	Daniela V. Castro, MS City of Hope Comprehensive Cancer Center
9:05am-9:15am	Panel Discussion and Q&A	

9:15am-10:00am	Session 9: Oral Abstract Session ZILKER 3 & 4	Yousef Zakharia, MD University of Iowa and Holden Comprehensive Cancer Center
9:15am-9:25am	Abstract 5: CD200-mediated Immune Evasion in Clear Cell Renal Cell Carcinoma	Gemma E. Davies, BSc, MSc Cardiff University Alternate Presenter: Girish Patel, MD Cardiff University
9:25am-9:35am	Abstract 6: Clinical Outcomes with Nivolumab/ Ipilimumab (nivo/ ipi) with or without CBM588 in Metastatic Renal Cell Carcinoma (mRCC): Long-term Follow-up of a Randomized Phase Ib Clinical Trial	Nazli Dizman, MD Yale New Haven Hospital
9:35am-9:40am	Abstract 7: Assessment of Clavien-Dindo Classification in patients with Metastatic Clear Cell Renal Cell Carcinoma (mccRCC) who Received Perioperative Cabozantinib and Nivolumab on Cyto-KIK Clinical Trial	Karie Runcie, New York Presbyterian Hospital; Columbia University
9:40am-9:50am	Abstract 8: Genetic Ancestry and Molecular Correlations in Patients with Kidney Cancers	Ritesh Kotecha, MD Memorial Sloan Kettering Cancer Center
9:50am-10:00am	Panel Discussion and Q&A	
	Patient Perspective: Tom Cady	
10:00am-10:15am	Break	

ZILKER 1 & 2 AND ZILKER FOYER

SYMPOSIUM GUIDE 20

10:15am-11:45am	Session 10: Genetics in Kidney Cancer Demonstrated Through Case-Based Presentations ZILKER 3 & 4	Session Chair/Moderator: Maria Carlo, MD Memorial Sloan Kettering Cancer Center
10:15am-10:35am	Considerations for the Genetics Consensus Statement and Who/ What/When/Where/Why of Genetics in Kidney Cancer and Case Presentations Illustrating Options	Brian Shuch University of California, Los Angeles
10:35am-10:55am	Somatic Testing Considerations and Case Presentations	Elizabeth Henske, MD Brigham and Women's Hospital
10:55am-11:15am	BHD, TSC-associated RCC, HLRCC, FH deficient RCC, and VHL with Case Presentations	Ramprasad Srinivasan, MD, PhD National Cancer Institute at the National Institutes of Health
11:15am-11:25am	Abstract 9: Delineating Clinical and Radiologic Features of Rare Kidney Cancer Genetic Syndromes	Pamela I. Causa Andrieu, MD Memorial Sloan Kettering Cancer
11:25am-11:45am	Panel Discussion and Q&A	
11:45am-12:30pm	Session 11: Risk Stratification: Considerations and the Evolving State of RCC	Session Chair/Moderator: Katy Beckermann, MD, PhD Vanderbilt University Medical Center
11:45am-12:00pm	Renal Cell Carcinoma Prognostic Factors	Daniel YC Heng, MD Tom Baker Cancer Centre, Calgary, AB, Canada
12:00pm-12:15pm	What's Wrong with the Guidelines and How Do We Move Forward?	Ari Hakimi, MD Memorial Sloan Kettering Cancer Center
12:15pm-12:30pm	Panel Discussion and Q&A	
12:30pm-1:30pm	Break and Lunch Available ZILKER 1 & 2 AND ZILKER FOYER	

12:45pm-1:15pm	Session 12: Kidney Cancer Association Awards Recognition ZILKER 3 & 4	Session Chair/Moderator: Bradley C. Leibovich, MD Mayo Clinic
12:45pm-12:50pm	Introduction: Eugene P. Schonfeld Award	Bradley C. Leibovich, MD Mayo Clinic
12:50pm-12:55pm	Eugene P. Schonfeld Award Presentation	David McDermott, MD Beth Israel Deaconess Medical Center
12:55pm-1:00pm	Introduction: Christopher G. Wood Rising Star Award	Bradley C. Leibovich, MD Mayo Clinic
1:00pm-1:05pm	Christopher G. Wood Rising Star Award Presentation	Daniel Shapiro, MD University of Wisconsin-Madison
1:05pm-1:20pm	Introduction: Nicholas J. Vogelzang Humanitarian Award	Brian Rini, MD Vanderbilt-Ingram Cancer Center
1:20pm-1:25pm	Nicholas J. Vogelzang Humanitarian Award Presentation	Accepted by Dianne Vogelzang on behalf of the late Nicholas J. Vogelzang, MD, FASCO, FACP
1:25pm-2:25pm	Session 13: WoodFire* ZILKER 3 & 4	
1:25pm-1:40pm	Case Discussion 1	Daniel Shapiro, MD University of Wisconsin-Madison
1:40pm-1:55pm	Case Discussion 2	Vignesh T. Packiam, MD University of Iowa
1:55pm-2:10pm	Case Discussion 3	Walter Stadler, MD University of Chicago
2:10pm-2:25pm	Case Discussion 4	Rana McKay, McKay, MD UCSD
2:25pm-2:40pm	Meeting Closing ZILKER 3 & 4	Eric A. Singer, MD, MA, MS, FACS, FASCO The Ohio State University Comprehensive Cancer Center

Tian Zhang, MD, MHS University of Texas Southwestern Medical Center

*WoodFire is a special chance to watch experts tackle difficult kidney cancer cases and defend their treatment plan. Each panelist presents a real clinical case including patient history and scans and asks their colleagues how they would treat and manage that patient. This spirited session captures what it's really like to be part of a care team!

Poster Listings

POSTER BY TOPIC	BOARD #	
Late-breaking Data Abstracts	E2	
Regular Abstracts	A1-E1; E3-E7	
Case Reports	E8	
Trials in Progress Abstracts	F1-F7	
Basic Science	A1-A2	
Imaging	A3	
Patient-reported Outcomes	A5	
Post-treatment Surveillance	A6-A7	
Quality of Care and Quality Improvement	A6-A7	
Real-World Evidence	B4-C1	
Therapeutics (Local- Primary and Metastases)	C4-C5	
Therapeutics (Systemic- Radiation Therapy, Ablation, Surgery, Interventional Radiology, Urology, Medical Oncology, etc.)	C6-E1; F1-F7	
Treatment Toxicities and Symptom	E3	
Management Tumor Biology, Biomarkers, and Pathology	E4-E7	
Other	A4, E8	



POSTER BOARD #	TITLE	AUTHOR
A1	Abstract 9: DNA methylation-based tumor microenvironment deconvolution in clear cell renal cell carcinoma reveals significant survival association with specific cell types	Ze Zhang
A2	Abstract 10: Epigenetic Dysregulation Activates the Oncogenic Dicarboxylic Amino Acid Transporter SLC1A1 in ccRCC	Abhishek Chakraborty
A3	Abstract 11: Differentiation Clear Cell Renal Cell Carcinoma from Other Common Malignant and Benign Renal Masses on Multiphasic MRI: A Likert Based Multireader Analysis	Chuthaporn Surawech Alternate Presenter: Steve Raman
A4	Abstract 12: Outcomes of active surveillance for young and healthy patients with small renal masses	Muammer Altok
A5	Abstract 13: The Role of Exercise on the Physical and Mental Health of Kidney Cancer Patients and Survivors	Daniel Roberson
A6	Abstract 14: Risk factors for end stage renal disease after treatment of renal cell carcinoma	Sven Lundstam
А7	Abstract 15: Survival Outcomes Following Adoption of Risk-Adjusted AUA Surveillance Guidelines After Partial Nephrectomy	Wesley Yip
A8	Abstract 16: Artificial intelligence modelling to predict the risk of cardiotoxicity among renal cell carcinoma patients treated with vascular endothelial growth factor receptors tyrosine kinase inhibitors.	Hesham Yasin
B1	Abstract 17: Kidney cancer clinical trials: a decision aid for patients and clinicians Presenter:	Rachel Giles Alternative Presenter: Eric Jonasch
B2	Abstract 18: Non-Index vs Index Readmissions Following Radical Nephrectomy: Causes, Costs, and Outcomes	Shiva Balasubramanian
B3	Abstract 19: Non-Index vs Index Readmissions Following Partial Nephrectomy: Causes, Costs, and Outcomes	Shiva Balasubramanian
B4	Abstract 20: Real-world Clinical Outcomes of Patients (pts) with Metastatic Renal Cell Carcinoma (mRCC) Receiving Pembrolizumab + Axitinib (P+A) vs Ipilimumab + Nivolumab (I+N)	Neil J. Shah

POSTER BOARD #	TITLE	AUTHOR
B5	Abstract 21: Short-Term Outcomes of Active Surveillance for Small Renal Masses in Patients With End-Stage Renal Disease and Immunosuppression	Zoe Gan
В6	Abstract 22: Healthcare resource utilization (HCRU) and costs in metastatic renal cell carcinoma (mRCC) patients (pts) receiving first-line (LOT1) pembrolizumab + axitinib (P+A) or ipilimumab + nivolumab (I+N)	Neil J. Shah
В7	Abstract 23: Real-world Assessment of Changing Treatment Patterns and sequence for patients with Metastatic Renal Cell Carcinoma (mRCC) in the first-line (1L) setting	Neil J. Shah
B8	Abstract 24: Depth of response associated with first-line immunotherapy-based combinations in metastatic clear cell renal cell carcinoma.	Kelly Fitzgerald
C1	Abstract 25: Clinical manifestations of Birt-Hogg-Dube Syndrome in a large clinical cohort	Raju Chelluri
C4	Abstract 28: Treatment decisions among patients newly diagnosed with clinical T1 renal masses	Kathryn Gessner
C5	Abstract 29: Cytoreductive nephrectomy (CN) for patients with metastatic sarcomatoid and/or rhabdoid (S/R) renal cell carcinoma (RCC) treated with immune checkpoint therapy (ICT)	Andrew Hahn
C6	Abstract 30: Treatment-free survival (TFS) in patients with advanced renal cell carcinoma (aRCC) treated with nivolumab and ipilimumab (NIVO/IPI) versus sunitinib (SUN): 60-month update of Checkmate 214	Charlene Mantia
C7	Abstract 31: Updated efficacy of lenvatinib + pembrolizumab versus sunitinib in patients with advanced renal cell carcinoma (aRCC) in the CLEAR study	Camilo G. Porta Alternative Presenter: Bradley McGregor
C8	Abstract 32: Efficacy and safety of nivolumab plus ipilimumab versus sunitinib for first-line treatment of patients with advanced sarcomatoid renal cell carcinoma (sRCC) in the phase 3 CheckMate 214 trial with extended 5-year minimum follow-up	Nazir Tannir
D1	Abstract 33: Long-term PFS from TIVO-3: Tivozanib (TIVO) vs sorafenib (SOR) in relapsed/refractory (R/R) advanced RCC	Michael Atkins
D2	Abstract 34: Characterization of Patients Undergoing Consolidative Nephrectomy after Immunotherapy	Stephen Reese

POSTER BOARD #	TITLE	AUTHOR
D3	Abstract 35: Activity of tivozanib in non-clear cell renal cell carcinoma (nccRCC): Subgroup analysis from a phase 2 randomized discontinuation trial	Pedro Barata
D4	Abstract 36: Impact of subsequent therapies in patients with advanced renal cell carcinoma (aRCC) receiving lenvatinib plus pembrolizumab or sunitinib in the CLEAR study	Martin H. Voss
D5	Abstract 37: A randomized phase 2 study with a cell-based immune primer plus sunitinib versus sunitinib aone in metastatic Renal Cell Carcinoma.	Börje Ljungberg
D6	Abstract 38: Association between depth of response (DepOR) and clinical outcomes: exploratory analysis in patients with previously untreated advanced renal cell carcinoma (aRCC) in CheckMate 9ER	Andrea Apolo Alternative Presenter: Bernard Escudier
D7	Abstract 39: Maturation of overall survival (OS) in TIVO-3 with long-term follow-up	Brian Rini

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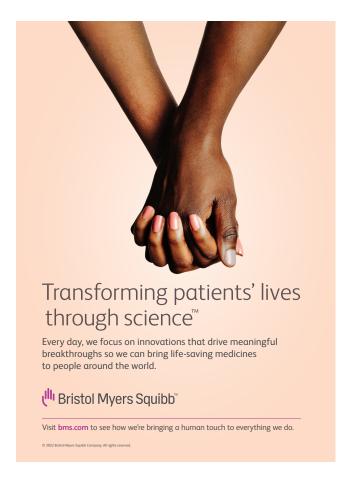
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POSTER BOARD #	TITLE	AUTHOR
D8	Abstract 40: Phase 1 trial of combination therapy with avelumab and cabozantinib in patients with newly diagnosed metastatic clear cell renal cell carcinoma	Haoran Li
E1	Abstract 41: Efficacy of nivolumab plus ipilimumab in T1aNOMO renal cell carcinoma patients ineligible for surgery and ablation	Ilya Tsimafeyeu
E3	Abstract 43: Risk of Thromboembolism in Patients Receiving Immunotherapy-Based Combinations for Metastatic Renal Cell Carcinoma	James Schuster
E4	Abstract 44: NF2-Mutant Renal Cell Carcinoma: A Comprehensive Characterization of a Lethal Unclassified Renal Cell Carcinoma	Stephen Reese
E5	Abstract 45: Metagenomic analysis of the gut microbiome in metastatic renal cell carcinoma patients with sarcopenia	Neal Chawla
E6	Abstract 46: Prospective evaluation of mutation concordance between standard-of-care renal mass biopsy and nephrectomy specimens in small renal masses	Kathryn Gessner
E7	Abstract 47: Epigenetic, transcriptional, and compositional shifts in clear cell renal cell carcinomas	Lucas Salas
E8	Abstract 48: A Case of Metastatic Renal Cell Carcinoma to The Maxillary Sinus Initially Presenting as Recurrent Epistaxis	Justin Mehr
F1	Abstract 49: A randomized trial of radium-223 (Ra-223) dichloride and cabozantinib in patients (pts) with advanced renal cell carcinoma (RCC) with bone metastases (RADICAL / Alliance A031801)	Rana McKay
F2	Abstract 50: TiNivo-2: A Phase 3 Study to Compare Tivozanib+Nivolumab to Tivozanib Monotherapy in Patients with Renal Cell Carcinoma (RCC) Who Have Progressed Following ≤2 Lines of Therapy including an Immune Checkpoint Inhibitor (ICI)	Toni Choueir
F3	Abstract 51: A phase II study of lenvatinib plus everolimus versus cabozantinib in patients with metastatic renal cell carcinoma (mRCC) that progressed on a PD-1/PD-L1 checkpoint inhibitor (LenCabo)	Andrew Hahn

POSTER BOARD #	TITLE	AUTHOR
F4	Abstract 52: LITESPARK-011: a randomized, phase 3 study of belzutifan plus lenvatinib versus cabozantinib after anti-PD-1/PD-L1 therapy in patients with advanced renal cell carcinoma	Daniel YC Heng
F5	Abstract 53: Phase 2 trial for sequential treatment after cabozantinib progression in metastatic renal cell carcinoma (Seq-Cabo)	Qian Qin
F6	Abstract 54: APART – A Phase 2 trial of Axitinib, Palbociclib and Avelumab as advanced Clear Cell Renal Cell Carcinoma (ccRCC) Therapy	Stephanie Berg
F7	Abstract 55: A pilot study of the immunomodulatory agent acarbose in combination with standard therapy in metastatic renal cell carcinoma (RCC)	Arnab Basu



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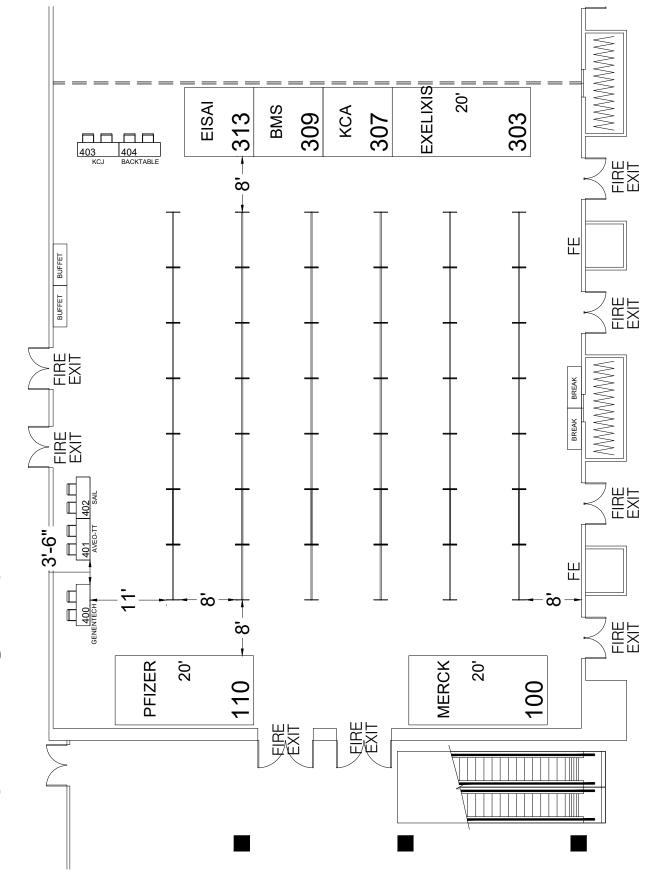
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The Kidney Cancer Association is a global community dedicated to serving and empowering patients and caregivers, and leading change through advocacy, research, and education in order to be the universal leader in finding a cure for kidney cancer.

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