Festschrift

Honoring Edward M. Messing, MD, FACS

October 18 and 19, 2018

University of Rochester Medical Center
Department of Urology
Rochester, New York
Dr. Messing is a Professor of Urology and Oncology at the University of Rochester Medical Center and formerly was the Winfield W. Scott Professor and Chairman of the Department of Urology at the same institution for over 22 years. Dr. Messing is an internationally renowned expert in all facets of urologic oncology, both as a clinician and surgeon, and a clinical, translational and basic researcher. He received his medical degree from New York University and completed his urology training at Stanford University.

His prior experiences include: Interim Director, James P. Wilmot Cancer Institute, University of Rochester School of Medicine and Dentistry; Professor, Surgery and Human Oncology at the University of Wisconsin School of Medicine; Chief, Urologic Oncology, Division of Urology, Department of Surgery, University of Wisconsin School of Medicine, and Clinical Assistant Professor of Urology, Tulane University School of Medicine.

Dr. Messing is a former President of the Society of Urologic Oncology (SUO), former President of the Northeast Section of the American Urological Association (AUA),
former co-leader of the GU Committee of the Eastern Cooperative Oncology Group (ECOG), and is currently a co-leader of the Renal Cancer Subcommittee of the Southwest Oncology Group (SWOG).

He has received several honors and awards. In 2013, he was awarded the prestigious Presidential Citation from the AUA for his work on bladder cancer research and urologic education. This year (2018), he is the recipient of the Ramon Guiteras Award, the highest honor given to an academic urologist by the AUA. The award recognizes him for over 35 years of outstanding contributions to the art and science of urology, specifically urologic oncology.

As a busy clinician and a renowned surgeon for urologic cancers and related diseases, Dr. Messing strongly believes research is an integral part of the practice of medicine and is necessary to provide patients with the best possible care. His research has been focused on early detection, prevention and treatment of urologic malignancies. His research interests range from basic science investigations into the molecular underpinnings of cancers of the bladder, kidney and prostate, to translational research which has adopted laboratory findings and has brought them to the care of patients, to carrying out large-scale studies on screening for, and prevention of these cancers. Dr. Messing has demonstrated the feasibility of screening for bladder cancer and has worked on the development and testing of several molecular markers for the detection of bladder cancer. Furthermore, he has designed and conducted large phase III clinical trials on the treatment of bladder, renal and prostate cancers. His work is often quoted in medical publications, and he is frequently asked to be a visiting professor at other research and educational institutions.
Thursday, October 18

1:00 – 1:15 pm WELCOME AND INTRODUCTIONS

Jean Joseph, MD, MBA, FACS
W.W. Scott Professor
Chairman, Department of Urology
Professor of Oncology
University of Rochester Medical Center

Jonathan Friedberg, MD, MMSc
Samuel E. Durand Professor of Medicine
Director, James P. Wilmot Cancer Institute

Moderator: Ralph Brasacchio, MD
Associate Professor, Radiation Oncology
University of Rochester Medical Center

1:15 – 1:35 pm

Chunkit Fung, MD
Systemic Treatments for Metastatic Urothelial Carcinoma
Assistant Professor of Medicine, Hematology/Oncology
University of Rochester Medical Center

1:35 – 1:55 pm

Jay E. Reeder, PhD
Non-Muscle Invasive Bladder Cancer: Paradox to Paradigm
Research Assistant Professor, Department of Obstetrics and Gynecology
University of Rochester Medical Center
1:55 – 2:15 pm  **Kevin Bylund, MD**  
*Radiotherapy in the Management of Locally Advanced Bladder Cancer*  
Assistant Professor, Department of Radiation Oncology  
University of Rochester Medical Center

2:15 – 2:35 pm  **Deepak Sahasrabudhe, MD**  
*Update on Metastatic Bladder Cancer Management*  
Professor of Medicine, Hematology/Oncology  
University of Rochester Medical Center

2:35 – 2:55 pm  **Shu Yuan Yeh, PhD**  
*The Differential Roles of Estrogen and ER in Different Stages of Bladder Cancer*  
Professor, Department of Urology  
University of Rochester Medical Center

2:55 – 3:15 pm  **Ahmed Ghazi, MD**  
*Use of Simulation Technology to Improve Bladder Cancer Care – A TURBT Model*  
Assistant Professor, Department of Urology  
University of Rochester Medical Center

3:15 – 3:30 pm  **BREAK**
Moderator: **Patrick Fultz, MD**  
Professor, Imaging Sciences  
University of Rochester Medical Center

3:30 – 3:50 pm  
**Deborah Rubens, MD**  
*Imaging in Urologic Oncology*  
Professor, Imaging Sciences  
University of Rochester Medical Center

3:50 – 4:10 pm  
**Guan Wu, MD, PhD**  
*Hereditary Kidney Cancer*  
Professor, Department of Urology  
University of Rochester Medical Center

4:10 – 4:30 pm  
**Eric Singer, MD, MA, FACS**  
*Accuracy of Nodal Staging and Outcomes of Lymphadenectomy for Non-metastatic Renal Cell Carcinoma: An Analysis of the National Cancer Database*  
Assistant Professor of Surgery and Radiology  
Director, Kidney Cancer Program  
Section of Urologic Oncology  
Rutgers Cancer Institute of New Jersey  
Director, Distinction in Bioethics Program  
Rutgers Robert Wood Johnson Medical School

4:30 – 4:50 pm  
**Edward Schwarz, PhD**  
*Elucidating Renal Cell Carcinoma Vasculogenesis During Bone Metastasis*  
Director, Center for Musculoskeletal Research  
University of Rochester Medical Center

4:50 – 5:10 pm  
**Supriya Mohile, MD**  
*Improving Care Delivery and Outcomes for Older Patients with Genitourinary Malignancies*  
Professor of Medicine – Hematology/Oncology  
University of Rochester Medical Center
5:15 pm  CLOSING REMARKS
Edward Messing, MD

Friday, October 19

7:00 – 7:30 am  REGISTRATION AND CONTINENTAL BREAKFAST

7:30 – 8:00 am  WELCOME AND INTRODUCTIONS

Jean Joseph, MD, MBA, FACS
W.W. Scott Professor
Chairman, Department of Urology
Professor of Urology
University of Rochester Medical Center

Richard Feldman, MD
President, University of Rochester School of Medicine and Dentistry

Mark Taubman, MD
CEO, University of Rochester Medical Center
Dean, School of Medicine and Dentistry
Senior Vice President for Health Sciences
Moderator: James Mohler, MD
Associate Director and Senior Vice President for Translational Research
Chief, Inter-Institutional Academics
Professor of Oncology, Department of Urology
Roswell Park Comprehensive Cancer Center

8:00 – 8:20 am
Dan Theodorescu, MD, PhD
The Biological Path to Novel Therapeutics in Cancer
Director
Samuel Oschin Comprehensive Cancer Institute
Cedars-Sinai Medical Center

8:20 – 8:40 am
Yi Fen Lee, PhD
Extracellular Vesicles in Bladder Cancer: Small Vesicles with Big Roles
Professor, Department of Urology
University of Rochester Medical Center

8:40 – 9:00 am
Paul Okunieff, MD
Role of Entrepreneurial Science to Modern Academic: Mentorship by Ed Messing
Professor and Chair
UF Health Department of Radiation Oncology
UF Health Proton Therapy Institute

9:00 – 9:20 am
David McConkey, PhD
Mechanisms of Bladder Cancer Chemotherapy Resistance
Director, Johns Hopkins Greenberg Bladder Cancer Institute
Professor, The James Buchanan Brady Urological Institute at Johns Hopkins
Moderator: Hani Rashid, MD
Professor of Urology
University of Rochester Medical Center

9:25 – 9:45 am
Chawnshang Chang, MD
Androgen Receptor Roles in the Bladder Cancer Progression
George Whipple Distinguished Professor
Director, George Whipple Lab for Cancer Research
Departments of Urology and Pathology
University of Rochester Medical Center

9:45 – 10:05 am
Yves Fradet, MD
Immunotherapy for Bladder Cancer: A Revolution in the Making
Professor of Surgery/Urology
Faculty of Medicine Université Laval, Québec
Head of Urology Service, CHU de Québec

10:05 – 10:25 am
Khurshid A. Guru, MD
A Decade of Robot-Assisted Radical Cystectomy: Has It Met Our Expectations?
Chair, Department of Urology
Director, Applied Technology Laboratory for Advanced Surgery (ATLAS)
Robert P. Huben Professor of Oncology
Roswell Park Comprehensive Cancer Center

10:25 – 10:45 am
Janet Baack Kukreja, MD, MPH
Improving Recovery After Cystectomy
Assistant Professor
University of Colorado

10:45 – 11:00 am
BREAK
Moderator: **Gerald Sufrin, MD**
Professor and Chair
Department of Urology
Jacobs School of Medicine and Biomedical Sciences
State University of New York at Buffalo

11:00 – 11:20 am  
**Yair Lotan, MD**
**Screening for Bladder Cancer/Epidemiology**
Professor
Chief of Urologic Oncology
Holder of the Helen J. and Robert S. Strauss Professorship in Urology
UT Southwestern Medical Center at Dallas
Department of Urology

11:20 – 11:40 am  
**Howard Bailey, MD**
**Bladder Cancer Prevention Strategies**
Professor of Medicine and Obstetrics & Gynecology
Andy and Susan North Professor of Cancer Research
Director, University of Wisconsin Carbone Cancer Center
Associate Dean of Oncology, University of Wisconsin School of Medicine and Public Health

11:40 – 12:00 pm  
**Katia Noyes, PhD**
**Caring for Bladder Cancer – Can We Reduce the Cost Burden?**
Professor of Public Health and Surgery
Director, Division of Health Services Policy and Practice
Department of Epidemiology and Environmental Health
Director of Surgical Outcomes and Research (SOAR)
Jacobs School of Medicine and Biomedical Science
The State University of New York at Buffalo Cancer Center
12:00 – 1:15 pm  
LUNCH

Seymour Schwartz, MD  
Distinguished Alumni Professor  
University of Rochester Medical Center

Kathy H. Rideout, EdD, PPCNP-BC, FNAP  
Vice President, University of Rochester Medical Center  
Dean and Professor of Clinical Nursing  
Pediatric Nurse Practitioner, Golisano Children’s Hospital

Afternoon Session

1:15 – 1:25 pm  
Dan Theodorescu, MD, PhD  
A Tribute to Dr. Messing

Moderator: Gennady Bratslavsky, MD  
Professor and Chair, Department of Urology  
SUNY Upstate Medical University

1:25 – 1:45 pm  
Stephen Campbell, MD  
A Clinical Trial for Localized Kidney Cancer: Is it Possible?  
Professor of Surgery  
Eric A. Klein Chair for Education and Urologic Oncology  
Residency Program Director and Vice Chair, Department of Urology  
Glickman Urological and Kidney Institute, Cleveland Clinic

1:45 – 2:05 pm  
Per-Anders Abrahamsson, MD, PhD  
Prostate Cancer and Scandinavia: From the Vikings to Now  
Professor, Senior Consultant and Past Chairman  
Department of Urology, Lund University, Malmö, Sweden  
Past Secretary General, European Association of Urology  
Adjunct Professor, Department of Urology  
University of Rochester Medical Center
2:05 – 2:25 pm  
**Mark Soloway, MD**  
*Early Stage Bladder Cancer Management – Improving Outcomes*  
Memorial Director of Urologic Oncology  
Memorial Physician Group

2:25 – 2:45 pm  
**Leonard Gomella, MD**  
*Novel Therapeutic Options for Non-Muscle Invading Bladder Cancer*  
The Bernard W. Godwin Professor of Prostate Cancer  
Chairman, Department of Urology  
Senior Director Clinical Affairs, Sidney Kimmel Cancer Center  
Thomas Jefferson University

2:45 – 3:05 pm  
**Dragan Golijanin, MD**  
*Ex-vivo Targeting of Upper Tract Urothelial Carcinoma Using Novel ICG-Var3 pHLIP Imaging Agent*  
Associate Professor of Surgery/Urology, Brown University  
Director of Genitourinary Oncology at Lifespan Cancer Institute  
Director of Robotic Surgery at The Miriam Hospital in Rhode Island

3:05 - 3:25 pm  
**Robert S. Svatek, MD, MSCI**  
*Improving Efficacy of Intravesical Therapy*  
Associate Professor  
Division of Urologic Oncology  
Department of Urology  
UT Health Science Center San Antonio

3:25 - 3:40  
**BREAK**
Moderator: Thomas Frye, DO
Assistant Professor of Urology
University of Rochester Medical Center

3:40 – 4:00 pm

Seth Lerner, MD
BCG Unresponsiveness Disease – A Roadmap for Drug Development
Professor, Scott Department of Urology
Beth and Dave Swalm Chair in Urologic Oncology
Director of Urologic Oncology
Director of the Multidisciplinary Bladder Cancer Program
Baylor College of Medicine Medical Center

4:00 – 4:20 pm

Ganesh Palapattu, MD
Disease Progression – Utility of Prognostic Markers
Chief of Urologic Oncology
The George F. and Sandra G. Valassis Professor of Urology
The University of Michigan Medical School

4:20 – 4:40 pm

George Wilding, MD
Maximizing Immune Checkpoint Therapy for Bladder Cancer
Vice President and Deputy Chief Academic Officer
Clinical and Interdisciplinary Researcher
MD Anderson Cancer Institute

4:40 – 5:00 pm

Michael Droller, MD
Neoadjuvant Chemotherapy for Urothelial Bladder Cancer: Observations, Opinions and Challenges
Katherine and Clifford Goldsmith Professor of Urology and Oncology
Chairman Emeritus Department of Urology
Mt. Sinai Medical Center
5:00 – 5:20 pm

Donald L. “Skip” Trump, MD, FACP
Calcitriol (1,25 dihydroxycholecalciferol) and Cancer Therapy: A Missed Opportunity
CEO & Executive Director Inova Schar Cancer Institute
Professor of Medicine
Virginia Commonwealth University

5:20 pm

CLOSING REMARKS

Edward Messing, MD
Dr. Messing is one of the best-known urologic oncologists in the nation and in the world. His intellectual curiosity, passion for teaching and dedication to patient care, have led to outstanding contributions in all of these arenas.

We look forward to his continued participation in the ongoing development of the careers of many who have been fortunate to have his mentorship. Whether through his own work or through the work of his trainees, his impact on urology has been tremendous and cannot be overstated. We are grateful for his continued association and contributions to our team.

– Jean Joseph, MD, MBA, FACS
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