7th Annual Symposium in Translational Research in Pathology

MARCH 23, 2023 • IN-PERSON / VIRTUAL
Zuckerman Auditorium

1:00 PM	**Introduction and Welcome** Kojo S.J. Elenitoba-Johnson, MD Chair, Department of Pathology and Laboratory Medicine Memorial Sloan Kettering Cancer Center
1:05 PM	**The NPM1::TYK2 Chimeric Fusion Promotes Activation of STAT Family Signaling, Skewing Towards Tfh Functional Subset Differentiation and Mature T-cell Lymphomagenesis** Huan-Chang Liang, PhD
1:20 PM	**Genomics Driven Artificial Intelligence-based Model Applied to Whole Slide Images Accurately Classifies Breast Invasive Lobular Carcinoma** Fresia Pareja, MD, PhD
1:40 PM	**Deep Learning-Based Objective and Reproducible Osteosarcoma Chemotherapy Response Assessment and Outcome Prediction** David Ho, PhD
2:00 PM	**Pathological, Clinical and Molecular Characterization of Large Cell Neuroendocrine Carcinoma (LCNEC) of the Urinary Tract** Hikmat A. Al-Ahmadie, MD
2:20 PM	**Molecular Stratification of Ovarian Clear Cell Carcinoma Predicts Clinical Outcomes** Britta Weigelt, PhD
2:40 PM	**DNA Methylation Profiling Accurately Classifies Primitive Neuroectodermal Tumors in the Gynecologic Tract** Sarah Chiang, MD
3:00 PM	**Break and Poster Session** Zuckerman Lobby
4:15 PM	**Young Investigators Award Presentation** Jorge S. Reis-Filho, MD, PhD, FRCPath
4:20 PM	**Deconstructing DNA Repair Defects in Gynecologic Cancer** Britta Weigelt, PhD
4:50 PM	**Introduction of Gerald Award Lecturer and Presentation of Gerald Award** Jorge S. Reis-Filho, MD, PhD, FRCPath Kojo S.J. Elenitoba-Johnson, MD
5:00 PM	**Introduction of Gerald Award Lecturer and Presentation of Gerald Award** **Tumor Cell Intrinsic Vulnerabilities of Homologous Recombination Deficient Cancers** Roger A. Greenberg, MD, PhD J. Samuel Staub M.D. Professor, Department of Cancer Biology Director, Penn Center for Genome Integrity Director of Basic Science, Basser Center for BRCA Perelman School of Medicine, University of Pennsylvania
5:30 PM	**Cocktail Reception** Zuckerman Lobby

WILLIAM L. GERALD AWARD

The Memorial Sloan Kettering William L. Gerald Award is conferred on a pathologist whose recent innovative research has provided novel insights into cancer biology and whose career trajectory suggests the potential for outstanding contributions in the years to come.

The award reflects the contributions and values brought to the Department of Pathology by **Dr. William L. Gerald**, an Attending Pathologist at MSK from 1992 to 2008. A gifted morphologist, Dr. Gerald was committed to providing state-of-the-art patient care as a surgical pathologist and recognized that the molecular characterization of human neoplasms could affect the classification, prognostic assessment, and treatment of cancer. Dr. Gerald had broad diagnostic expertise but focused his clinical work on genitourinary pathology, and he was also the pediatric pathology consultant for the department. He was a pioneer in the molecular characterization of cancer at a time when now commonplace molecular techniques were still cutting-edge technology.

Dr. Gerald provided the first histologic description and subsequent molecular characterization of desmoplastic small round cell tumor, an entity that now bears his name. His work helped establish a novel molecular classification of neuroblastoma. He used gene expression analysis and other molecular assays to develop the prognostic characterization of prostate cancer.

Throughout his career, Dr. Gerald collaborated with and provided mentorship to numerous trainees and colleagues. His quiet good nature and thoughtful approach made him a model physician-scientist. He was approachable and always willing to provide key insights. This award is a tribute to his scientific contributions and personal attributes, and to the legacy he left behind.

ACCREDITATION

Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit Designation Statement
MSK designates this live activity for a maximum of **3.50 *AMA PRA Category 1 Credits™***. Physicians should claim only credit commensurate with the extent of their participation in the activity.

ABPath CC Recognition Statement
This activity will offer **3.50 Lifelong Learning (CME) credi**t towards the American Board of Pathology's Continuing Certification program.

Memorial Sloan Kettering Cancer Center

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