

2022 Pathology Research Day

Keynote Lecture

Dr. Rebecca L. King

“What is “High Grade B Cell Lymphoma”? Definitions, Diagnostics, and Future Directions.



Dr. King is an Associate Professor in the Division of Hematopathology at Mayo Clinic in Rochester, Minnesota. She is the hematopathology fellowship director, and co-director of the Mayo Clinic multidisciplinary lymphoma E-tumor board. Dr. King completed medical school and AP/CP residency at the University of Pennsylvania in Philadelphia, PA. She completed hematopathology fellowship at Mayo Clinic and then joined the faculty at the Children’s Hospital of Philadelphia before being recruited back to Mayo in 2014 for a clinical focus on lymphoma pathology.

Dr. King’s clinical service includes predominantly diagnostic lymphoma pathology, as well as bone marrow, flow cytometry, and molecular hematopathology. She considers herself a diagnostic pathologist first, but is active in collaborative and translational research focusing on practical aspects of lymphoma disease classification, including morphologic, genetic, and phenotypic features of disease. Her work in collaboration with the hematology and cytogenetics teams at Mayo Clinic has focused on detection and significance of *MYC* rearrangements and their impact on classification of aggressive B cell lymphomas.

Schedule of Events

Poster session in Flaum Atrium
All presentations in Class of '62 Auditorium

- 8:00 ~ 8:45 am **Continental Breakfast and Poster Set-up**
Flaum Atrium
- 9:00 ~ 9:40 am **Welcome: Class of '62 Auditorium**
*Dr. Jennifer Findeis-Hosey, Vice Chair of Education, Dept. Pathology
and Laboratory Medicine.*
- Session I: Fellow Podium Presentations ~ Class of '62 Auditorium**
- Numbereye Numbere, MBBS, Fellow ~ Surgical Pathology**
*The Clinical Significance of pT3a Lesions as Well as Unilateral vs. Bilateral
Invasion into the Seminal Vesicle in Men with pT3b Prostate Cancer Undergoing
Radical Prostatectomy: A Proposal for a New pT3b Subclassification*
- Michael Greas, MBBch, Fellow ~ Dermatopathology**
Relative high expression of PRAME in Deep Penetrating Nevi: Pilot study
- 9:40 ~ 9:45 am *Break*
- 9:45 ~ 10:45 am **Session II: Juried Poster Presentations ~ Flaum Atrium**
- Research Core Areas: Cancer**
Hematology and Immunology.
- 10:45 ~ 10:55 am *Break*
- 10:55 ~ 12:00 pm **Session III: Juried Poster Presentations ~ Flaum Atrium**
- Research Core Areas: Cell Biology / Genetics**
Musculoskeletal Diseases
- 12:00 ~ 1:00 pm **Lunch**
Boxed Lunches available for all judges and presenters
- 1:00 ~ 2:00 pm **Keynote Lecture: Class of '62 Auditorium**
*Introduction: Dr. Linda Schiffhauer, Program Director of the Pathology
Residency Program*
- Rebecca King, MD**
*Dept. of Laboratory Medicine and Pathology,
Mayo Clinic, Rochester, Minnesota*
- “What is “High Grade B Cell Lymphoma”?
Definitions, Diagnostics, and Future Directions**

- 2:00 ~ 2:10 pm **Break**
- 2:10 ~ 3:00 pm **Session IV: Resident Podium Presentations ~ Class of '62 Auditorium**
Moderator: Dr. Linda Schiffhauer, Program Director of the Pathology Residency Program
- Irene Chen, MD, PGY-3**
Validation of the Current Histology Grading System in Appendiceal Goblet Cell Adenocarcinomas with Advanced Pathologic Stage
- Dingani Nkosi, MBBS, PhD, PGY-2**
Diverse presentation of PARK2 gene variant patients: Array CGH Study of Nine Cases with PARK2 Disruption
- Benjamin Gertsen, MD, PGY-1**
TRPS1 Expression in Morphologic Variants of Urothelial Carcinoma
- 3:00 ~ 3:05 pm **Break**
- 3:05 ~ 3:35 pm **Session V: Resident Podium Presentations ~ Class of '62 Auditorium**
Moderator: Dr. Majed Refaai, Associate Director of the Pathology Residency Program
- Xiaoqin Liu, MB. PhD**
Liver Biopsy of Poorly Differentiated Neuroendocrine Carcinoma: A Single Institutional Study of 117 Cases
- Caroline A Miller, MD**
Clinical Implications of Microscopic Colitis-Like Polyps
- 3:35 ~ 3:40 pm **Break**
- 3:40 ~ 4:45 pm **Session VI: PhD Podium Presentations ~ Class of '62 Auditorium**
Moderator: Helene McMurray, PhD, Director of PhD Program in Pathology
- 3:45- 4:00 pm **Emily Campbell Whitt, MS**
SUV420H2 Regulation of Collective Invasion in Triple-Negative Breast Cancer
- 4:00- 4:15 pm **Rachel Piselli, MS**
Sox100B & Smooth Muscle Morphogenesis in Drosophila
- 4:15- 4:30 pm **Alison Livada, MS, MSTP**
The Origin and Function of Lung Megakaryocytes
- 4:30- 4:45 pm **M. Nick James, MS**
Dissecting the Role of DNA Double-strand breaks in Osteoarthritis Pathogenesis
- 4:45 pm **Concluding Remarks: Dr. Jennifer Findeis-Hosey**