

11th Annual Research Symposium

HENDERSON CAMPUS AGENDA

Wednesday, February 19, 2025 | 3 – 6pm (local time)

2:30 – 3PM	Registration and Presenter Check-In
3 – 4PM	Poster Session
4:00 – 4:15PM	Welcoming Remarks – <i>P1 Classroom</i>
4:15 – 5:15 PM	Keynote Speaker: Dr. Ajay P. Singh, <i>PhD</i> “Decoding cancer mechanisms: uncovering novel biomarkers and therapeutic targets” – <i>P1 Classroom</i>
5:15 – 5:30PM	Break with food provided
5:30 – 6:15 PM	Podium Presentations – <i>P1 Classroom</i>
6:15 – 6:30PM	Awards and Closing Remarks – <i>P1 Classroom</i>

2025 Keynote Speaker



Decoding cancer mechanisms: uncovering novel biomarkers and therapeutic targets

Presented by: Ajay P. Singh, PhD

*Associate Director of Basic and Translational Research Cancer Center and Research Institute
Professor, Cell and Molecular Biology, University of Mississippi Medical Center*

Dr. Ajay Singh is a tenured Professor of Cell and Molecular Biology in the School of Medicine at the University of Mississippi Medical Center. He is also the Associate Director of Basic and Translational Research at the Cancer Center and Research Institute. Prior to joining UMMC, he was the Professor and Director of Research in the Department of Pathology, and the Cancer Biology program Leader for the Mitchell Cancer Institute at the University of South Alabama. His laboratory focuses on the identification of novel tumor-associated genes and their impact on the behavior of the tumor cells. His lab is also interested in understanding how tumor cells communicate with its surroundings to become more aggressive and therapy resistant and if targeting of these tumor-stromal interactions could be exploited for cancer prevention and therapy. Another focus of Dr. Singh's lab is to understand

the molecular dissimilarities in tumors from patients of different racial and ethnic backgrounds and investigate their roles in disparate clinical outcomes. He has published extensively, holds multiple US patents, and is a co-founder of a small Biotech company, Tatva Biosciences. He has received numerous honors and awards for his scientific and scholarly accomplishments both nationally and internationally. He has received funding from three major federal agencies, NIH, DOD, and NSF, as well as from the state health departments and private foundations. He has served and is currently serving as the external advisory board member of multiple state and federally funded research centers. He also actively serves on national and international grant study sections and is a member of the editorial boards of several scientific journals.

Program & Abstract Book



The Research Symposium Program and Abstract Book are available to view/download by scanning the QR code or visiting www.roseman.edu/research/research-symposium/

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