

2019 Pathology Research Retreat

Friday, August 16th, 2019
Regions Park, Birmingham, AL

- 7:45–8:15 a.m.** **Registration and continental breakfast
(Faculty and administrative staff only)**
- 8:15–8:30 a.m.** **Welcome and Introduction—George Netto, MD, and Rakesh Patel, PhD**
- 8:30–10:00 a.m.** **Round Table Discussions**
Description and Format: 25 min total; 5 min introduction by moderator followed by 20 min discussion
- Table 1: Improving mentoring practices at each academic level**
Table 2: Promoting collaboration between basic and clinical researchers
Table 3: UAB (campus-wide) programs, incentives and resources available to faculty for research support.
Table 4: Pre- and Post-Grant award processing and management / navigating administration at UAB.
- 10–10:30 a.m.** **Break and Trainees, Post-doctoral Fellows, Clinical Fellows, Residents, and Research lab staff registration**
Poster setup
- 10:30–10:45 a.m.** **Introduction / Welcome**
Departmental Research Overview: Rakesh Patel, PhD
- Morning Selected Oral Presentations**
- Moderator:** Shannon Bailey, PhD
Format: 10 min presentation + 5 min Q & A
- 10:50–11:05 a.m.** **Presentation #1 – Ashley Connelly (Graduate Trainee, Hel Lab)**
“Identification and Characterization of Novel Human Neutrophil Subsets in Inflammation-Induced Pathogenesis”
- 11:05–11:20 a.m.** **Presentation #2 – Kellie Regal-McDonald (Graduate Trainee, Patel Lab)**
“Endothelial hypoglycosylation enhances CD16+ monocyte adhesion: a role for alpha-mannosidases”
- 11:20–11:35 a.m.** **Presentation #3 – Felipe Massicano, PhD (Post-doctoral fellow, Harada Lab)**
“Exome sequencing identifies glycosylation defects as a probable cause of immune-mediated thrombotic thrombocytopenic purpura”
- 11:40–1:10 p.m.** **Lunch**
- 11:55 a.m.–1:05 p.m.** **Data Blitz and Present Your Idea**
Moderator: Rajeev Samant, PhD
Format: 1 slide, 2 min presentation + 3 min Q & A (total 5 min)
Objectives: Provide a forum for faculty and trainees to present their innovative ideas and questions (no data required) with a goal of receiving feedback and

identifying collaborative opportunities to help develop these ideas. Ideas discussed during the data blitz could be developed into interdisciplinary departmental pilot grant applications.

Afternoon Selected Oral Presentations

Moderator: Diana Morlote, MD

Format: 10-minute presentation + 5 minute Q & A

1:15–1:30 p.m.

Presentation #4 – Sunil Rangarajan, MD (Clinical Fellow, Sanderson Lab)

'Heparanase from Multiple Myeloma Causes Kidney Injury'

1:30–1:45 p.m.

Presentation #5 – Sumit Agarwal, PhD (Postdoctoral Fellow, Manne Lab)

"TRIM29 Overexpression is involved in Progression of Microsatellite Stable Colorectal Cancer"

1:45–2 p.m.

Presentation #6 – Erin Smithberger (Graduate Trainee, Miller Lab)

'Dual Kinase Inhibition to Combat EGFR-inhibitor Resistance in Glioblastoma'

2–3:15 p.m.

Poster session

3:15–3:30 p.m.

Awards and Closing remarks: George Netto, MD

Presentation of Poster and Oral Presentation Awards

Presentation of the Betty Pritchett Spencer Award for Cancer Research

3:30 p.m.

Adjourn

Department of Pathology Research Retreat: Roundtable discussions

Goals:

- i) To discuss issues and share information / best practices that will enhance a) research quality and b) opportunities to develop interdisciplinary translational research across the department. This will include discussion of existing departmental and UAB research infrastructure and services that foster basic and clinical research.
- ii) To provide a forum to receive feedback from faculty regarding research related issues.

Discussion topics:

Table 1: Improving mentoring practices at each academic level

Moderators: Yabing Chen, PhD, and Marisa Marques, MD

- How to guide trainees and postdocs in choosing a career path that is right for them to ensure their success and career development beyond UAB
- How to help Residents/Fellows find a research lab and also encourage labs to host residents/fellows
- What established faculty can/should do to help junior faculty obtain their first major external grant?

Table 2: Promoting collaboration between basic and clinical researchers

Moderators: X. Long Zheng, MD, PhD, and Adam Wende, PhD

- Department Pilot grants and incentives
- How should the department provide support for informatics, internal grants, and common equipment.
- Annual review and incentive system that rewards collaborations
- Website: Does it work? If not, what information should be clickable? How could we enforce maintenance?
- Meet and greet: Matchmaking efforts. How can we improve networking opportunities to facilitate new collaborations?

Table 3: UAB (campus-wide) programs, incentives resources available to faculty for research support

Moderators: Scott Ballinger, PhD, and Jennifer Croker, PhD, CCTS

- Pilot Funding from Centers, SOM review panels, SOM Pillars, CCTS...*others*
- CCTS (grant writing, statistical assistance, panels done quickly, mentor development programs, clinical researcher development programs)
- UAB Research Cores

Table 4: Pre- and Post-Grant award processing and management / navigating administration at UAB

Moderators: Erin White, Research, and Israel Ponce-Rodriguez, IT

- Current UAB and Departmental pre- and post-award processes
- IT support
- How do we improve communication and provide feedback within the department and with the institution?