2019 Pathology Research Retreat

Friday, August 16th, 2019

Location: Regions Park

7.45 – 8.15am  Registration and continental breakfast
(Faculty and administrative staff only)

8.15- 8.30am  Welcome and Introduction (George Netto and Rakesh Patel)

Introduction to New Faculty

Introduction to Research Administration (Bldg 500 incl. new RA)

Introduction to round table discussions

8.30am- 10.00am  Round Table Discussions (see last page for format)

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.

10.00-10.30am  Break and Trainees, Post-doctoral Fellows, Clinical Fellows,
Residents, and Research lab staff registration

Poster setup

10.30-10.45am  Introduction / Welcome

Departmental Research Overview: Rakesh Patel, PhD

Morning Selected Oral Presentations

Moderator: Shannon Bailey, PhD

Format: 10 min presentation + 5 min Q & A

10.50-11.05am  Presentation #1 (selected from abstracts)

Ashley Connelly (Graduate Trainee, Hel Lab)

“Identification and Characterization of Novel Human Neutrophil Subsets in Inflammation-Induced Pathogenesis”
11.05-11.20am  Presentation #2 (selected from abstracts)
Kellie Regal-McDonald (Graduate Trainee, Patel Lab)
“Endothelial hypoglycosylation enhances CD16+ monocyte adhesion: a role for alpha-mannosidases”

11.20-11.35am Presentation #3 (selected from abstracts)
Felipe Massicano, PhD (Post-doctoral fellow, Harada Lab)
‘Exome sequencing identifies glycosylation defects as a probable cause of immune-mediated thrombotic thrombocytopenic purpura’

11.40-1.10pm  Lunch

11.55-1.05pm: Data Blitz and Present your idea
Moderator: Dr. Rajeev Samant
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. It is anticipated that ideas discussed during the data blitz could be developed into interdisciplinary departmental pilot grant applications.

Afternoon Selected Oral Presentations

Moderator: Dr. Diana Morlote

Format: 10 min presentation + 5 min Q & A

1.15 – 1:30pm  Presentation #4 (selected from abstracts)
Sunil Rangarajan, MD (Clinical Fellow, Sanderson Lab)
‘Heparanase from multiple myeloma causes kidney injury’

1:30 - 1:45pm  Presentation #5 (selected from abstracts)
Sumit Agarwal, PhD (Postdoctoral Fellow, Manne Lab)
“TRIM29 Overexpression is involved in Progression of Microsatellite Stable Colorectal Cancer”

1:45 - 2:00pm  Presentation #6 (selected from abstracts)
Erin Smithberger (Graduate Trainee, Miller Lab)
‘Dual kinase inhibition to combat EGFR-inhibitor resistance in glioblastoma’
2:00-3.15pm: Poster session

3.15-3.30pm: Awards and Closing remarks: Dr. Netto

Presentation of Poster and Oral Presentation Awards
Presentation of the Betty Pritchett Spencer Award for Cancer Research

3.30pm: Adjourn
Department of Pathology Research Retreat: Round table 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. These topics were determined by the research retreat organizing committee.

Format: We will focus on 4 topics. There will be 3 x 25min sessions; all four topics (4 tables) will be concurrently discussed in each session. Faculty choose one topic per session, allowing participation in 3 out of the 4 topics.

Moderator(s) will provide a brief (5min) introduction to the topic followed by 20 mins discussion with participants. 5 min is allowed for the transition between sessions. All moderators will provide the Chair and Vice Chair for Research a brief, written summary of the discussions, including suggested actionable items, after the retreat.

Discussion topics:

Table 1: Improving mentoring practices at each academic level.

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

Suggested discussion Topics:

- How to guide Trainee 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: Dr. Long Zheng, MD and Dr. Adam Wende, PhD

Suggested discussion Topics:

- 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:** Dr. Scott Ballinger, PhD and Dr. 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 / and navigating administration at UAB.

**Moderators:** Erin White and Israel Ponce-Rodriguez

- 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?