

T32 retreat April 2019

Friday, April 12

Agenda starts 2pm for Trainees and Program Directors, 3pm for faculty

- 2:00 – 3:00pm Professional Development Activity: Interactive Discussion of NIH website on Rigor and Reproducibility:
<https://grants.nih.gov/policy/reproducibility/training.htm>
- 3:00 – 3:10pm Welcome (David Fruman, Wolf Heyer)
- 3:10 – 3:25 Introductions between trainees UCD/UCI
- 3:25 – 3:45 Trainee talk, **Ryan Davis**: “Transcriptional diversity and bioenergetic shift in human breast cancer metastasis revealed by single-cell RNA sequencing”
- 3:45 – 4:30 Coffee, check-in
- 4:30 – 4:50 Trainee talk, **Antonio Gomez**: “Epigenetic subversion of breast cancer cells”
- 4:50 – 5:10 Trainee talk, **Gaja Ramanathan**: “Hematopoietic stem cell function and platelet reactivity following acute exposure to cigarette smoke: implications in myeloproliferative neoplasms”
- 5:10 – 5:30 Trainee talk, **Samantha Beasley**, “Cancer cell specific RNA labeling”
- 5:30 – 6:20 Keynote lecture, **Stephanie Casey**, “Of mice and men: cancer models from academia to industry”
- 6:30 Dinner at hotel

Saturday, April 13

- 8:00 – 9:00am On Own for Breakfast (\$10 provided for local eateries; coffee available in conference room)
- 9:00 – 9:20 Trainee talk, **Linzi Hosohama**: "Single cell discovery of tumor initiating cells in colon cancer"
- 9:20 – 9:40 Trainee talk, **Annabel Alonso**: “What do centrosomes have to do with cancer?”
- 9:40 – 10:00 Trainee talk, **Kevin Nee**: “ Pro-proliferative breast microenvironments in BRCA1 mutation carriers”
- 10:00 – 10:15 Coffee break, discussion

- 10:15 – 10:35 Trainee talk, **Dennis Juarez**: “Statins potentiate BH3 mimetic killing in multiple myeloma”
- 10:35 – 10:55 Trainee talk, **Jessica Flesher**: “Delineating the role of Mitf Isoforms in pigmentation and tissue development”
- 10:55 – 11:00 Oncoslayers Fundraising Announcement (**Jessica Flesher**)
- 11:00 – noon Speed Mentoring round 1: 4X 15 minutes; non-participants work on IDP updates and/or co-mentor meetings
- Noon:** Lunch at Grand Central Market (\$15 provided)
- 1:30 – 3pm **Broad Museum**, other free time activities
- 3:10 – 3:30 Trainee talk, **Michael Goodman**: “Dual Inhibition of COX-2 and sEH for cancer treatment”
- 3:30 – 3:50 Trainee talk, **Alex Fast**: “Large field-of-view label-free optical tomography for rapid and non-invasive melanoma diagnosis”
- 3:50 – 4:20 Coffee break, discussion
- 4:20 – 4:40 Trainee talk, **Stefan Brooks**: “Role of calreticulin in hematopoiesis”
- 4:40 – 5:10 Trainee Talk, **Anastasia Ionkina**: “Expanding the bioluminescent toolbox imaging metastatic disease”
- 5:20 – 6:20 Speed Mentoring round 2: 4X 15 minutes; non-participants work on IDP updates and/or co-mentor meetings
- 6:45 Dinner at Pez Cantina

Sunday, April 14

- 8:00 – 9:15am Breakfast at hotel
- 9:20 – 9:40 Trainee talk, **Bob Lin**: “The epidermis in single cell resolution: the role of Grhl3 and the Wnt pathway”
- 9:40 – 10:10 Trainee talk, **Joshua Merkler**: “Destroying cancer cells with telomerase”
- 10:10 – 10:30 Trainee talk, **Bri Craver**: “N-acetylcysteine as a therapeutic in hematological malignancies”
- 10:30 – 10:50 Trainee talk, **Brendan Finicle**: “Using small molecules to boost antisense activity in tumors”