



Partnership for Integrative Cancer Research

Symposium – November 15, 2019 – Forum 1101 A/B Clark Hall — College Park, Maryland

11:00am **FED Tech - NCI SBIR Outreach – Clark Memorial Room 1117**

12:00pm **Lunch for Registered Participants**

1:00pm **Welcome**

1:10pm **Yihang Wang**, Seed Award Student (Tiwary–Vinson–Schneekloth)
"Understanding small molecule interactions with riboswitches through artificial intelligence based molecular simulations"

1:30pm **Milos Nikolic**, Seed Award Student (Scarcelli–Tanner)
"Intracellular mechanics of cancer progression revealed by Brillouin microscopy"

1:50pm **Rebecca Moriarty**, Seed Award Student (Stroka–Mili)
"Lost in Translation? Understanding the role of protein synthesis in confined microenvironments"

2:10pm **Chuan Wu**, NCI

2:20pm **Meera Murgai**, NCI

2:30pm **Peng Jiang**, NCI

2:40pm **Break – Refreshments and Posters**

3:10pm **Michael Yeh**, Seed Award Student (DeVoe–Altan–Bonnet)
"Microfluidic trap arrays for probing stochastic immune-tumor dynamics"

3:30pm **Stephanie Miller**, UMD Partnership Student NIMH (Roy–Plenz)
"The scale-invariant temporal profile of neuronal avalanches in relation to cortical γ -oscillations"

3:50pm **Zeyad Emam**, UMD Partnership Student NIBIB (Czaja–Leapman)
"Towards a streamlined segmentation workflow for 3D electron microscopy images"

4:10pm **Chongyi Chen**, NCI

4:20pm **Gregoire Altan-Bonnet**, NCI

4:30pm **Researchers TBA**, NIH

4:40pm **Adjourn**

The NCI UMD Partnership is managed by the Institute for Physical Science and Technology. <http://Cancertechnology.umd.edu>

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