

3:30 PM - 5:00 PM  
LIBRARY 645

**SCHEDULE:**

3:30 pm "Evolved exploratory strategies that limit cancer growth as targets for new therapeutic approaches"

Arig Ibrahim Hashim, Research Scientist  
Moffitt Physical Sciences in Oncology Center  
& PhD student USF Integrative Biology

3:50 pm "Using game theory to analyze group level traits"

Olivia Santiago, undergraduate USF Integrative Biology,  
intern Moffitt Physical Sciences in Oncology Center  
Joel Brown, senior member Moffitt Physical Sciences in Oncology Center

4:02 pm "Interplay between mutations and microenvironment and the selection for malignant phenotype"

Luiza Silva Simoes, undergraduate USF Integrative Biology, intern Moffitt Physical Sciences in Oncology Center  
Stanislav S. Avdieiev, postdoctoral fellow Moffitt Physical Sciences in Oncology Center  
Joel Brown, senior member Moffitt Physical Sciences in Oncology Center

4:14 pm "Integrating evolutionary dynamics into cancer therapy"

Bob Gatenby, senior member Moffitt Physical Sciences in Oncology Center

5:00 pm Reception

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"EPIGENETICS, GAME THEORY  
AND MULTI-LEVEL SELECTION  
IN CANCER RESEARCH"