

LSI GSA RESEARCH DAY

Friday March 6th, 2015



Life Sciences Institute

STUDENT PRESENTATION SCHEDULE: ROOM 1416

Katie Goodwin (Tanentzapf lab, CELL)

Cell-ECM adhesion is required for force transmission during morphogenesis

Marek Kobylarz (Murphy lab, BARN)

How *Staphylococcus aureus* produces siderophores under iron restriction

Madison Bolger-Munro (Gold lab, I3)

Relating synaptic pattern formation to functional outcomes in B cell immune response

Marylou Vallejo (Dedhar lab, CELL)

Hypoxia-induced carbonic anhydrase IX regulates invasion and metastasis by interacting with and activating MMP-14 within invadopodia

Farnaz Pournia (Matsuuchi lab, CELL)

The role of connexin43 carboxyl tail in regulation of cytoskeletal rearrangements in the B lymphocytes

Fabian Garces (Molday lab, CBD)

Bound to see: elucidating the substrate binding site of ABCA4

Andrew Cottle (Cullis lab, CBD)

Lipid nanoparticles for the treatment of leukemia

Carol Chen (Lorincz lab, MEG)

Dynamics and function of histone H3 serine 10 phosphorylation in mammalian transcription and replication

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STUDENT PRESENTATION SCHEDULE: ROOM 1510

Adam Plumb (Abraham lab, I3)

IL-7 regulates early thymic progenitor differentiation, but not survival or proliferation

Dheva Setiাপutra (Yip lab, DRG)

Determining the molecular architecture of the NuA4 HAT complex

Tamiza Nanji (Yip lab, DRG)

Regulation of autophagy initiation by the Atg1 kinase complex

Julienne Jagdeo (Jan lab, DRG)

Identification of novel substrates of picornavirus proteases using terminal amine isotopic labeling of substrates

Craig Kerr (Jan/Foster lab, DRG)

Exosomes: Trojan horses or cellular guardians?

Gareth Lim (Johnson lab, DRG)

14-3-3 controls adipogenesis through inhibitory actions on hedgehog signaling

Natalie Marshall (Finlay/Overall lab, CBD)

On the hunt for mitochondrial proteolysis: examining how bacterial infection affects the mitochondrial proteome and mitochondrial proteolysis

Ganna Vashchenko (Hammon lab, CBD)

Identification of corticosteroid binding globulin in birds: structural and functional insights