

## Institute Away Day 17<sup>th</sup> October 2018

### Banqueting Suite, Newcastle Civic Centre

09:45 – 09:55	Welcome and overview of Institute's progress over the past year <i>Professor Bob Lightowlers, Director</i>
<i>Chair: Dr Henrik Strahl Von Schulten</i>	
09:55 – 10:15	<b>Professor Tracy Palmer</b> <i>Title: "Protein secretion and virulence of Staphylococci"</i>
10:15 – 10:30	<b>Sara Luzzi, Papamichos-Chronakis Lab</b> <i>Title: "INO80-regulated chromatin checkpoint promotes early termination of mRNA synthesis"</i>
10:30 – 10:45	<b>Dr David Forest, Zenkin Lab</b> <i>Title: "YonO: A Novel RNA Polymerase Of The SP8 Prophage"</i>
10:45 – 11:00	<b>Rebecca Swan, Austin Lab</b> <i>Title: "The role of the ubiquitin-proteasome system in the repair of topoisomerase-induced DNA damage"</i>
11:00 – 11:15	<b>Bio-Imaging Facility – Rolando Berlinguer-Palmini</b> <i>Title: "The Biolmaging Unit: fluorescence nanoscopy in the facility"</i>
<b>11:15 – 11:45</b>	<b>Tea/Coffee Break</b>
<i>Chair: Dr Laura Maringele</i>	
11:45 – 12:00	<b>Kevin Whitley, Holden Lab</b> <i>Title: "Imaging the dynamics of division proteins in B. subtilis cells oriented vertically in 'microholes' during instantaneous chemical perturbations"</i>
12:00 – 12:15	<b>Dr Katharina Trunk, Quinn Lab</b> <i>Title: "Microbial warfare: S. marcescens employs its 'antibacterial' T6SS to target rival fungi"</i>
12:15 – 12:30	<b>Dr Alex Egan, Vollmer Lab</b> <i>Title: "Activation of peptidoglycan synthesis"</i>
12:30 – 12:45	<b>Dr Fred Lamoliatte, Trost Lab</b> <i>Title: "ISG15 - the new trend in ubiquitin-like modifications"</i>
12:45 – 12:55	<b>Professor Jan Quinn (Career Talk)</b> <i>Title: "Fun working with Fungi"</i>

13:00 – 14:00	<b>LUNCH</b> - opportunity to view PhD posters
<i>Chair: Professor Jeff Pearson</i>	
14:00 – 14:10	<b>Professor Robert Hirt</b> (Career Talk) <i>Title: "From epithelium molecular cell biology to microbial parasite evolution and back"</i>
14:10 – 14:20	<b>Professor Jeff Errington</b> (Career Talk) <i>Title: "From budgerigar plumage to antibiotic discovery"</i>
14:20 – 14:35	<b>Iglika Ivanova, Perkins Lab</b> <i>Title: "PERK/eIF2<math>\alpha</math> signalling inhibits HIF-induced gene expression during the unfolded protein response via YB1-dependent regulation of HIF1<math>\alpha</math> translation"</i>
14:35 – 14:50	<b>Siobhan Lister, Rutherford Lab</b> <i>Title: "Ammonium signalling in dimorphic fungi"</i>
14:50 – 15:05	<b>Oliver Russell, Lightowlers Lab</b> <i>Title: "Hunting for mitochondrial disease treatments"</i>
15:05 – 15:45	<b>Tea/Coffee Break</b>
<i>Chair: Dr Gabriele Saretzki</i>	
15:45 – 16:00	<b>Nico Paracini, Lakey Lab</b> <i>Title: "In vitro models of the bacterial outer membrane for antibiotic research"</i>
16:00 – 16:15	<b>Mikolaj Ogrodnik, Jurk Lab</b> <i>Title: "Obesity-Induced Cellular Senescence Drives Ectopic Fat Accumulation and Neural Stem Cell Dysfunction"</i>
16:15 – 16:30	<b>Charlotte Graham, Sanz Montero Lab</b> <i>Title: "Dissecting the role of complex I ROS production via forward and reverse electron transport"</i>
16:30 – 17:00	<i>Hot News</i> <b>Dr Alan Cartmell, Gilbert Lab</b> <i>Title: "Complex Arabinogalactan Metabolism; the Importance of location"</i>
17:00 – 18:30	<b>QUIZ</b> <i>General Knowledge, Around the University and Science photo match</i>