<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08:55 - 09:00</td>
<td>Welcome Remarks</td>
<td>Edmund Burke (QMUL)</td>
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<td><strong>Session chair: Viji Draviam</strong></td>
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<tr>
<td>09:00 – 09:30</td>
<td>Structure and Function of Drug Targets for Human Diseases</td>
<td>Jin Zhang (NCU)</td>
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<td>09:30 – 10:00</td>
<td>Structural basis of transcription inhibition by the major alternate</td>
<td>Vidya Darbari (QMUL)</td>
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<td>10:00 – 10:30</td>
<td>Gimme Shelter: structural insight into bacterial adhesion and biofilm</td>
<td>James Garnett (QMUL)</td>
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<td>formation</td>
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<td>10:30 – 11:00</td>
<td>Coffee / Tea</td>
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<td><strong>Session chair: Peter Heathcote</strong></td>
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<tr>
<td>11:00 – 11:30</td>
<td>The Ubiquitin System in Infection and Immunity</td>
<td>Ben Stieglitz (QMUL)</td>
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<td>11:30 - 12:00</td>
<td>OR1D2 mediates the activation of CatSper by bourgeonal in a G-protein</td>
<td>Xuhui Zeng (NCU)</td>
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<td>dependent manner</td>
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<td>12:00 -12:30</td>
<td>Negative Regulation of TGF-b family by AMPK</td>
<td>Zhi-Jun Luo (NCU)</td>
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<td>12:30 – 14:00</td>
<td>Lunch</td>
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<td><strong>Session chair: Guy Hanke</strong></td>
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<td>14:00 – 14:30</td>
<td>Oxidative stress in cells with extra centrosomes drives non-cell</td>
<td>Susana Godinho (QMUL)</td>
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<td>autonomous invasion</td>
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<td>14:30 – 15:00</td>
<td>iRhom2 and the keratinocyte stress response</td>
<td>David Kelsell (QMUL)</td>
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<td>15:00 – 15:30</td>
<td>Coffee / Tea</td>
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<td><strong>Session chair: Susana Godinho</strong></td>
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<tr>
<td>15:30 – 16:00</td>
<td>Centromeres, Chromatin and Chromosome Segregation</td>
<td>Lakxmi Subramanian (QMUL)</td>
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<td>16:00 – 16:30</td>
<td>**C18orf56, a novel target of Hedgehog signaling, promotes colorectal</td>
<td>Shi-Wen Luo (NCU)</td>
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<td>carcinogenesis via facilitating Sufu degradation and enhancing Hedgehog</td>
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<td>16:30 – 17:00</td>
<td>Towards therapeutic targeting of integrin alpha-v beta-6 in cancer</td>
<td>John Marshall (QMUL)</td>
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<td>17:00 – 17:05</td>
<td>Closing remarks</td>
<td>Richard Pickersgill (QMUL)</td>
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Day 2 - 13th April 2018
Graduate Centre Room 201

13:00-13:10: Introduction and welcome remarks: Viji Draviam

1.10p - 2.10p 15+5 min talks (Master's students talks)

Chair: Vidya Darbari
Tanya Masood (Steiglitz group)
Biochemical Characterisation of N4BP-1, a novel ubiquitin binding protein
Nadia Osumanu (Draviam group)
DNA damage phenotype associated with abnormal nuclear morphologies
Nandini Devlia (Main group)
Novel protein nanostructures through genetically programmed assembly of protein domains

2.10-2.20p Comfort break

2.20-3.20 12+3 min talks (Bachelor's students talks)
Chair: Lakxmi Subramanian
Mia Lapine (Connelly group)
Mechanical regulation of TGFbeta signaling in dermal fibroblasts
Sabrina Khan (Hanke group)
Investigating the stoichiometry of a key protein-protein interaction in photosynthesis
Sophie Knott (Wilkinson group)
Evaluating the interplay between Trypanosoma brucei DNA repair systems.
Tara Rebecca Morrison (Viles group)
Recombinant Amyloid-β-peptide (1-40) Expression and Characterisation

3.20 - 3.45 Coffee Break

3.45-5p 12+3 min talks (Bachelor's students from Nanchang)
Chair: Ben Steiglitz
Yuqing Yang
Assess the viability and tumour-associated macrophages in mouse high-grade serous ovarian cancer slices.
Chengye Yin
Measurement of pulse wave velocity and fluid flow in a phantom neck, with or without stenosis, using laser Doppler vibrometry and accelerometers
Wenwei Yang
Stem cell dynamics in human colon crypts
Xiang Qu
Identification of isoforms for chromosome 3 orf63, a potential IFN-induced HIV restriction factor.
Mengyu Wang
Expression levels of restriction factor REAF following HIV infection under IFN treatment in monocyte-derived macrophages

5-5.45p 12+3 min PhD-Postdoc talks
Chair: Christoph Engl
David Bode (Viles group)
Ion Channel formation as a toxic mechanism in Alzheimer’s disease
Charlotte Frankling (Main group)
Exploring the Binding Interfaces of the Type III Secretion System Chaperone-Translocator Complexes
Naoka Tamura (McClelland group)
Non-random mis-segregation of human chromosomes following induction of merotelic attachments

5.45p Closing remarks: Richard Pickersgill
5.50p onwards until 7p (Peston Foyer booked for evening party & poster session)
6.15p Photograph and Prize session (Richard Pickersgill)