

<b>8.30 - 9am</b> <b>Breakfast and coffee</b> <b>Guests arrive</b>		
9 - 9.15am	Welcome	<b>Welcome by Prof Dame Pam Shaw</b>
9.15 - 10am	Workshop 1	<b>Mechanistic Neurobiology</b> Prof Su Li, Dr Anestis Tsakiridis, Dr Ryan West
10 - 10.45am	Workshop 2	<b>Advanced Data Analysis</b> Prof Oliver Bandmann, Prof Robert Perneckzy, Dr Nemanja Vaci, Dr Boris-Stephan Rauchmann
<b>10.45 - 11.15am</b> <b>coffee break</b>		
11.15 - 12pm	Workshop 3	<b>Neuroengineering</b> Dr Mahnaz Arvaneh, Prof Ivan Minev, Prof Fred Claeysens, Dr James Alix, Dr Michael Mangan
12 - 12.45pm	Workshop 4	<b>Functional readout of biological processes</b> Prof Marysia Placzek, Prof Fiona Boissonade, Dr Milena de Felice, Prof Walter Marcotti, Dr Andrew Lin
		<p style="text-align: center;">Workshop 5</p> <p style="text-align: center;"><b>Storytelling for Scientists</b></p> <p style="text-align: center;">Dr Kat Arney</p> <p style="text-align: center;">This workshop is aimed at ECRs.</p>
<b>12.45 - 1.30pm</b> <b>Lunch</b>		
1.30 - 2pm	Plenary speaker	<b>Lilly innovation in the neuroscience arena</b> Eli Lilly, Emanuele Sher, MD PhD, Associate Vice President
2 - 3pm	Presentations	<b>Postdoctoral and fellow presentations</b> <ul style="list-style-type: none"> <li>• Dr Osman Shabir: <b>Mouse models of dementia - linking heart and brain health together</b></li> <li>• Prof Laura Ferraiuolo: <b>Human cell models of neurodegeneration</b></li> <li>• Prof Su Li <b>Imaging advances in neurodegenerative diseases</b></li> <li>• Prof Heather Mortiboys: <b>Drug screening in an academic setting</b></li> </ul>
<b>3 - 3.30pm</b> <b>Coffee break</b>		

3.30 - 4.30pm	Presentations	<p><b>Institute PhD studentships presentations</b></p> <ul style="list-style-type: none"> <li>• <b>An in vitro investigation of cortical network hyperexcitability in the ALS SOD1G93A mouse model using MEA technology</b> Marilina Douloudi with supervisor Dr Richard Mead</li> <li>• <b>Investigating bunina body phase-separation in amyotrophic lateral sclerosis</b> Xander Arscott-Barber with supervisor Dr Rosie Staniforth</li> <li>• <b>Restoring hair cell function in mammals using AAV-based gene therapy</b> Ana Amariutei with supervisor Prof Walter Marcotti</li> <li>• <b>Focal cooling for the treatment of intractable epilepsy</b> Naomi King with supervisor Dr Jason Berwick</li> <li>• <b>Modelling a myelination disorder in the zebrafish: drug discovery and gene editing</b> Prof Tanya Whitfield</li> </ul>
4.30 - 5pm	Plenary speaker	<p><b>The invisible complexities of programmed genomic damage and repair</b> Prof Sherif El-Khamisy</p>
5 - 5.15pm	Conclusion	<p>Prof Dame Pam Shaw Prof Walter Marcotti Prof Oliver Bandmann Prof Fiona Boissonade</p>
<p><b>5.15pm wine and nibbles</b></p>		