

Wednesday 11<sup>th</sup> September

10.00 Registration, exhibition, poster viewing and welcome refreshments

**S1.1**

11.00 Opening plenary  
*Chair: Professor Cameron Alexander, Nottingham*  
*Dr Mark McAllister, APS Chair*

12.00 **Smart cancer nanomedicine**  
*Professor Twan Lammers, Head of Department Nanomedicine and Theranostics, RWTH Aachen University*

13.00 Lunch, exhibition and poster viewing

14.00 Parallel sessions

<b>S1.2A Medicinal Chemistry</b>	<b>S1.2B Material Science</b>	<b>S1.2C Skin Forum</b>
<p><b>Helen Osborn (Organiser)</b></p> <p><i>Chair: Professor Helen Osborn, Professor of Biomedical Chemistry, University of Reading</i></p> <p><b>Speaker to be announced</b></p> <p>Adventures with Four Stranded DNA  <i>Dr Zoe Wallwe, University of East Anglia</i></p> <p>Podium presentation 1            Podium presentation 2</p>	<p>Challenges with biologics. -            Biologics are a growing area which require new ways of working</p> <p><b>Elaine Stone/Dave Berry (Organiser)</b></p> <p><b>Speakers to be announced</b></p> <p>Podium presentation 1            Podium presentation 2</p>	<p><i>Chair: Majella Lane, Senior Lecturer Pharmaceutics, University College London</i></p> <p><i>David Scurr, University of Nottingham</i></p> <p>Crossing old barriers and printing new ones: skin, nails and additive manufacturing  <i>Dr Bruno Sil dos Santos, Lecturer in Pharmaceutical Science and Pharmacology, School of Human Sciences, London Metropolitan University</i></p> <p>Podium presentation 1            Podium presentation 2</p>

15.30 Refreshments, exhibition and poster viewing

16.00 Parallel sessions

S1.3A Pharmacognosy FG	S1.3B Material Science	S1.3C Advanced Therapies
<p><b>Prof Michael Heinrich &amp; Suky Bhamra (Organisers)</b></p> <p><i>Professor Dr Thomas Efferth, Editor-in-Chief, Phytomedicine Chair, Department of Pharmaceutical Biology, Institute of Pharmacy and Biochemistry Johannes Gutenberg University</i></p> <p>Taxonomy, Phylogeny and DNA Barcoding Strategies for Herbal Medicines</p> <p><i>Professor Julie Hawkins, Professor of Plant Systematics and Evolution, School of Biological Sciences, University of Reading</i></p> <p>Podium presentation 1 Podium presentation 2</p>	<p>Diversity in Amorphous materials (Covering co-crystals, nanoformulations, co-amorphous systems)</p> <p><b>Dave Berry and Elaine Stone (Organisers)</b></p> <p><b>Speakers to be announced</b></p> <p>Podium presentation 1 Podium presentation 2</p>	<p><b>Sarah Goulding, Innovate UK Knowledge transfer Network (KTN) (Organiser)</b></p> <p><b>Speakers to be announced</b></p> <p>Podium presentation 1 Podium presentation 2</p>

17.30 Parallel sessions

S1.4A	S1.4B	S1.4C Activities of Knowledge Transfer Network
<p>M2M Pharmaceuticals Ltd</p> <p><b>Further presentations to be announced</b></p>	<p><b>Presentations to be announced</b></p>	<p><b>Sarah Goulding, Innovate UK Knowledge Transfer Network (KTN) (Organiser)</b></p>

18.00 Posters and networking

19.00 PharmSci 2019 BBQ

Thursday 12<sup>th</sup> September

8.00 Registration, exhibition, poster viewing and welcome refreshments

**S2.1**

9.00 **The potential of 3D printing in the development and manufacture of medicines and its impact upon Pharmacy**

*Professor Clive Roberts, Professor of Pharmaceutical Nanotechnology, Head of School of Pharmacy, University of Nottingham*

**APS Science Award sponsored by Astra Zeneca**

10.00 Plenary session  
**Speakers to be announced**

11.00 Refreshments, exhibition and poster viewing

11.30 Parallel sessions

<b>S2.2A</b> <b>Smarter Medicines by Design</b>	<b>S2.2B</b> <b>Biopharm</b>	<b>S2.2C</b> <b>Diagnostics for detection of microorganisms</b>
<p><b>UKICRS and Nanomedicines Focus group (Organisers)</b></p> <p><i>Chair: Yvonne Perrie</i></p> <p>Polypeptide-based conjugates as versatile Therapeutics <i>Dr Maria J. Vicent, PhD, Polymer Therapeutics Lab, Centro de Investigación príncipe Felipe</i></p> <p>Developing inhaled mRNA therapeutics for lung disease <i>Asha Kumari Patel, Lecturer in Cell &amp; Gene Therapy, Imperial College London</i></p> <p>Podium presentation 1 Podium presentation 2</p>	<p>Next generation delivery systems for the delivery of complex molecules'</p> <p><b>Mark McAllister (Organiser)</b></p> <p><i>Chair: Mark McAllister</i></p> <p><i>Randy Mrsy</i></p> <p><i>Vipul Yadav, Intract's Director of Research</i></p> <p>Podium presentation 1 Podium presentation 2</p>	<p><b>Organiser – Professor Martin Snowden</b></p> <p><i>Chair: Prof Martin Snowden, University of Greenwich</i></p> <p><i>Dr Ashraf Ismail McGill, University of Greenwich</i></p> <p>Tiny Test Tubes for Rapid Antibiotic Susceptibility Testing: Low-Cost Smartphone Analytical Microbiology Using Microcapillary Film <i>Dr Alexander Edwards, Associate Professor</i></p> <p>Podium presentation 1 Podium presentation 2</p>

13.00 Lunch, exhibition and poster viewing

14.00 Parallel sessions

S2.3A UKICRS Smarter Medicines by Design 2	S2.3B New Scientist Focus Group	S2.3C 3D Printing
<p><b>Laura Mason / Yvonne Perrie (Organisers)</b></p> <p><i>Chair: Laura Mason, Upperton Pharma Solutions (UKICRS Treasurer)</i></p> <p>Design of nanomedicines by smart decoration of gold nanoparticles <i>Dr Enrico Ferrari, Senior Lecturer, University of Lincoln</i></p> <p><b>Speaker to be announced</b></p> <p>Podium presentation 1 Podium presentation 2</p>	<p><b>Dr Matt Reason / Professor Laura Walters (Organisers)</b></p> <p><i>Chair: David Streater (AZ)</i></p> <p><i>Dr Asma Buanz (UCL School of Pharmacy)</i></p> <p><i>Mr Jean Philippe Ganay (Pfizer)</i></p> <p>Podium presentation 1 Podium presentation 2</p>	<p><i>Chair: Professor Dennis Douroumis, University of Greenwich</i></p> <p><i>Professor Jukka Rantanen professor of pharmaceutical technology and engineering at the Department of Pharmacy (University of Copenhagen)</i></p> <p><b>Speaker to be announced</b></p> <p>Podium presentation 1 Podium presentation 2</p>

15.30 Refreshments, exhibition and poster viewing

16.00 Parallel sessions

S2.4A New Scientist Focus Group Careers & Networking	S2.4B Review session: Antibody-drug conjugates	S2.4C Review session: Immunotherapy
<p><b>Dr Matt Reason / Professor Laura Walters (Organisers)</b></p> <p><i>Chair: Professor Laura Waters</i></p> <p>Career options in the pharmaceutical industry and networking skills <i>Dr Bruce Alexander &amp; Yvonne Pendry, University of Greenwich</i></p>	<p><i>Dr Mark Frigerio, Ph.D Director, Chemistry UK, Abzena</i></p>	<p><b>Further information to be announced</b></p>

17.15 – 18.15 **S2.5 Debate on open access**

**Speakers to be announced**

19.00 APS Black tie dinner – Painted Hall

Friday 13<sup>th</sup> September

8.00 Registration, exhibition, poster viewing and welcome refreshments

**S3.1**

9.00 Opening plenary

09.50 Plenary session

10.40 Closing address  
*Professor Cameron Alexander, Nottingham, Dr Mark McAllister, APS Chair and Professor Martin Snowden, University of Greenwich*

11.00 Refreshments, exhibition and poster viewing

11.30 Parallel sessions

<b>S3.1A</b> <b>Nanomedicines FG</b>	<b>S3.1B</b> <b>Process engineering</b> <b>Product formulation</b>	<b>S3.1C</b> <b>Biotherapeutics &amp; vaccines joint with parenterals</b>
<p>Pharmaceutical Sciences in a changing world with the sub themes of sustainability and diversity</p> <p><b>Chair to be announced</b></p> <p>Multifunctional nanomedicines for cancer and cardiovascular diseases <i>Dr Hélder A. Santos, Associate Professor</i></p> <p>Progressing the Development of AZD2811 Nanoparticles for Intravenous Administration  <i>Dr Floriane Séquier, Team Leader, Global Product Development, AstraZeneca</i></p> <p>Podium presentation 1            Podium presentation 2</p>	<p><b>Chair to be announced</b></p> <p><b>Speakers to be announced</b></p> <p>Podium presentation 1            Podium presentation 2</p>	<p><b>Organiser: Dr Rachel Knott</b>  <b>Reader, School of Pharmacy and Life Sciences, Robert Gordon University</b></p> <p><b>Chair to be announced</b></p> <p><b>Speakers to be announced</b></p> <p>Podium presentation 1            Podium presentation 2</p>

13.00 Lunch, exhibition and poster viewing

14.00 Close of conference