

Wednesday 11th 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

S1.2A Medicinal Chemistry	S1.2B Material Science	S1.2C Skin Forum
<p>Helen Osborn (Organiser)</p> <p><i>Chair: Professor Helen Osborn, Professor of Biomedical Chemistry, University of Reading</i></p> <p>Speaker to be announced</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>Elaine Stone/Dave Berry (Organiser)</p> <p>Speakers to be announced</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>Prof Michael Heinrich & Suky Bhamra (Organisers)</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>Dave Berry and Elaine Stone (Organisers)</p> <p>Speakers to be announced</p> <p>Podium presentation 1 Podium presentation 2</p>	<p>Sarah Goulding, Innovate UK Knowledge transfer Network (KTN) (Organiser)</p> <p>Speakers to be announced</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>Further presentations to be announced</p>	<p>Presentations to be announced</p>	<p>Sarah Goulding, Innovate UK Knowledge Transfer Network (KTN) (Organiser)</p>

18.00 Posters and networking

19.00 PharmSci 2019 BBQ

Thursday 12th 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

S2.2A Smarter Medicines by Design	S2.2B Biopharm	S2.2C Diagnostics for detection of microorganisms
<p>UKICRS and Nanomedicines Focus group (Organisers)</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 & 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>Mark McAllister (Organiser)</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>Organiser – Professor Martin Snowden</p> <p><i>Chair: Prof Martin Snowden, University of Greenwich</i></p> <p>Microbial Identification and Typing by Fourier Transform Infrared (FTIR) and NMR Whole-Organism Fingerprinting Techniques <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>Laura Mason / Yvonne Perrie (Organisers)</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>Speaker to be announced</p> <p>Podium presentation 1 Podium presentation 2</p>	<p>Dr Matt Reason / Professor Laura Walters (Organisers)</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>Speaker to be announced</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>Dr Matt Reason / Professor Laura Walters (Organisers)</p> <p><i>Chair: Professor Laura Waters</i></p> <p>Career options in the pharmaceutical industry and networking skills <i>Dr Bruce Alexander & Yvonne Pendry, University of Greenwich</i></p>	<p><i>Dr Mark Frigerio, Ph.D Director, Chemistry UK, Abzena</i></p>	<p>Further information to be announced</p>

17.15 – 18.15

S2.5 Debate on open access

Speakers to be announced

Friday 13th 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

S3.1A Nanomedicines FG	S3.1B Process engineering Product formulation	S3.1C Biotherapeutics & vaccines joint with parenterals
<p>Pharmaceutical Sciences in a changing world with the sub themes of sustainability and diversity</p> <p>Chair to be announced</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>Chair to be announced</p> <p>Speakers to be announced</p> <p>Podium presentation 1 Podium presentation 2</p>	<p>Organiser: Dr Rachel Knott Reader, School of Pharmacy and Life Sciences, Robert Gordon University</p> <p>Chair to be announced</p> <p>Speakers to be announced</p> <p>Podium presentation 1 Podium presentation 2</p>

13.00 Lunch, exhibition and poster viewing

14.00 Close of conference