

**School of Life and Medical Sciences Research Conference**  
**Tuesday 16 April 2019**  
**Lindop Building, College Lane Campus**  
**University of Hertfordshire**

- 08.15 – 08.45** Tea and coffee in Lindop Foyer (poster set up Chapman Lounge, Main Reception)
- 08.45 – 09.00** All convene in Room A154  
Welcome – Prof. Quintin McKellar
- 09.00 – 09.40** **Plenary Lecture 1: Prof. David Nutt, Imperial College London**  
*The psychedelic revolution in psychopharmacology*  
Chair: Dr Lisa Lione, Senior Lecturer in Pharmacology
- 09.40 – 10.20** **Plenary Lecture 2: Prof. Kim Hammond-Kosack, Department of Biointeractions and Crop Protection, Rothamsted Research**  
*Healthy crops – Healthy food*  
Chair: Prof. Akinwunmi Olumide Latunde-Dada, Professor of Physiological and Molecular Plant Pathology
- 10.20 – 10.40** Coffee Break - Lindop Foyer
- 10.40 – 11.20** **Plenary Lecture 3: Prof. Naomi Fineberg, Consultant Psychiatrist, Hertfordshire Partnership NHS Foundation Trust**  
*Just can't stop myself – advancing the understanding of obsession and compulsion*  
Chair: Prof. Ken Farrington, Head of Centre for Health Services and Clinical Research
- 11.20 – 12.00** **Plenary Lecture 4: Prof. Peter Jenner, King's College London**  
*Facing up to the challenges of Parkinson's disease*  
Chair: Dr Mahmoud Iravani, Reader in Neuropharmacology
- 12.00 – 13.30** Poster viewing and voting over lunch – Chapman Lounge, Main Reception
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**Afternoon Parallel Session I: Disease Mechanisms, Drug Discovery and Delivery (A154)**

- 13.30 – 14.00** **Invited Lecture**  
**Prof. Adrian Williams, Professor of Pharmaceutics and Research Dean (Health), University of Reading**  
*Transdermal and topical drug delivery of the future (?)*  
Chair: Dr Mike Cook, Senior Lecturer in Pharmaceutics
- Student session**  
Chairs: Giorgia Vaccaro, Amal Alharbi and Vesna Manasieva
- 14.00– 14.15** **Rhamiya Mahendran: Screening the biological activity of transstilbene benzenesulphonamide analogues**
- 14.15 – 14.30** **Peter Haddow: Thermogelling materials for topical drug delivery**
- 14.30 – 14.45** **Huda Alewairdhi: New oral anticoagulant drugs and their medication related problems in patients in secondary care setting**
- 14.45 – 15.00** **Elizabeth Wear: The expression of anaphylatoxin receptors during the in vitro differentiation and polarisation of human monocyte-derived macrophages**
- 15.00 – 15.15** **Ying Xuan Gue: Modulating endogenous fibrinolysis in patients with acute coronary syndrome**



Health and Wellbeing



Food



Information and Security

### **Afternoon Parallel Session II: Health and Wellbeing (Room A166)**

- 13.30 – 14.00** **Invited Lecture**  
**Professor Nachiappan Chockalingam, Professor of Clinical Biomechanics, Staffordshire University**  
*Influence of Biomechanical Measurements in Designing Assistive Technologies*  
**Chair:** Dr Lindsay Bottoms, Principal Lecturer in Exercise Physiology
- Student session**  
**Chairs:** Terun Desai, Rebecca Hadley and Rosemary Kingston
- 14.00 – 14.15** **Bushra Ayub:** *Mental health of parents of children with ADHD*
- 14.15 – 14.30** **Sue Dixon:** *Self-help and recovery in eating disorders: A qualitative analysis*
- 14.30 – 14.45** **Luke Oates:** *The physiological demands of elite épée fencers during competition*
- 14.45 – 15.00** **Becky Grace:** *Towards a model of ethical competence in clinical psychology*
- 15.00 – 15.15** **Vasiliki Stamatopoulou:** *Transitioning to a trauma-informed forensic unit: Exploring staff perceptions of a shift in organisational culture*

### **Afternoon Parallel Session III: Biological Mechanisms in Pathogens and their Hosts (Room A161)**

- 13.30 – 14.00** **Invited Lecture**  
**Dr Robbie Rae, Liverpool John Moores University**  
*Slugs, drugs and mind controlling nematodes*  
**Chair:** Dr Keith Davies, Invertebrate pathologist
- Student session**  
**Chairs:** Asna Javaid, Ellie Hurrer and Asiana Carmilla Ifeoma
- 14.00 – 14.15** **Robyn Rhule-Samuel:** *An evaluation of ready-meals and convenience foods as sources of nutritionally important water-soluble vitamins*
- 14.15 – 14.30** **Katherine Noel:** Characterisation of temperature-sensitivity of *Brassica napus* resistance against *Leptosphaeria maculans*
- 14.30 – 14.45** **Hannah Wileman:** *Use of a real-time decision support system to give accurate timings for fungicide applications*
- 14.45 – 15.00** **John Oluwayemi Daudu:** *Investigations on mycoviruses found in Dothistroma*
- 15.00 – 15.15** **Alexandra Buckland – Stubbs:** *The Housing Experiences and Future Aspirations of Polish Migrants in the UK*
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- 15.15 – 15.35** **Coffee Break - Lindop Foyer**
- 15.35 – 16.15** **All in Room A154 – Athena SWAN Lecture: Prof. Kathryn Almack, Professor of Health & Dr Hubert van Griensven, Senior Lecturer, School of Health and Social Work**  
*Going for Silver*  
**Chair:** Dr Paul Jenkinson, Reader in Neuropsychology
- 16.15 – 16.50** **Plenary Lecture 5: Shari Vahl, Reporter, You and Yours, BBC Radio 4, Media City UK, Salford**  
*Keeping the Science in Journalism and the fun in Fungi!*  
**Chair:** Dr Avic Hall, MBE Plant Pathologist
- 16.50 – 17.00** **Prizes – Facilitated by Dr Silvana Mengoni and Dr Skamarauskas**
- 17.00** **Closing Remarks, Dr Shori Thakur followed by Networking with Wine and Cheese**

For further information please contact Dr Shori Thakur on 01707285161 or a.s.n.1.thakur @herts.ac.uk

