



# Molecular Therapeutics & Formulation and Protein Therapeutics Spring Colloquium

1<sup>st</sup> May 2018, 10.00 – 17.20

G10, Chandler House, 2 Wakefield Street, London WC1N 1PF

## Program

- 10:00 Welcome
- 10:10 Dr Ahad Rahim: **Gene delivery - a potential treatment for lethal paediatric neurological conditions?**
- 10:55 Molecular Therapeutics & Formulation  
**Chair:** Rachael Evans
- 11:00 Harry Sherman: **Understanding trans plasma membrane electron transport systems in malignant lung epithelial cell lines**
- 11:35 Rita Trindade: **Electrospinning as an extracellular vesicle formulation strategy for cardiac repair**
- 12:00 Maria Angelerou: **Supramolecular hydrogels; Gaining further understanding and control over a novel cytidine-based gelator**
- 12:25 Sadie Swainson: **Exploring the enzymatic degradation of poly(glycerol adipate)**
- 12:40 Emanuele Russo: **Enzymatically orchestrated release of therapeutics: Managing brain cancer progression by self-controlled moderation of proteases activity**
- 13:40 Dania Grant-Serroukh: **Optimisation of lipid nanoparticles for mRNA-mediated cancer therapy**
- 14:05 Protein Therapeutics  
**Chair:** Joseph Ali
- 14:10 Ruggero Foralosso: **Aggregation Prone Region analogs: a versatile family of proteins stabilisers**
- 14:35 Lok Lui: **The Future of Formulation Development for Biopharmaceuticals**
- 15:00 Vasiliko Paraskevopoulou: **Can *Helicobacter pylori* adhesins be used for next generation gastroretentive formulations?**
- 15:25 Saja Muwaffak: **'Collagen-based biomaterials for use in tissue engineering and drug formulation applications**
- 15:50 Raphael Egbu: **Delivery of Polypeptide Therapeutics**
- 16:05 Simon Kellaway: **Tissue-derived ECM hydrogels for peripheral nerve repair**
- 16:20 Student feedback session with Advisory Board Members, Peter Timmins and Eddie French

The Centres for Doctoral Training in Targeted Therapeutics and Advanced Therapeutics and Nanomedicines are a partnership between The University of Nottingham and UCL, and are sponsored by EPSRC, Astra Zeneca, GSK, Pfizer, Walgreens Boots, Quotient Sciences, Evonik and Croda.

For more information:

T: 020 7753 5948

E: [s.marks.pharm@ucl.ac.uk](mailto:s.marks.pharm@ucl.ac.uk)