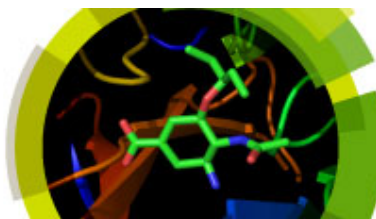


Medicinal Chemistry
Residential School



11–16 June 2017
Loughborough, UK

Sunday 11 June

| | |
|-------|---|
| 17:00 | Arrival and check in |
| 18:00 | Ice breaker activity (Burleigh Court main restaurant– residents only) |
| 19:00 | Dinner (Burleigh Court main restaurant– residents only) |

Monday 12 June

| | |
|-------|--|
| 08:00 | Registration |
| 08:45 | Course Introduction <i>Dr Andy Davis (AstraZeneca)</i> |
| 09:00 | Lecture: An Introduction to Pharmacokinetics <i>Dr Robert Ings (RMI Pharmacokinetics)</i> |
| 10:30 | COFFEE |
| 11:00 | Lecture: Drug Metabolism and the Fate of Drugs <i>Dr Colin Vose (Scientific Consultant)</i> |
| 12:30 | LUNCH – Holywell Park Main Restaurant |
| 13:30 | Tutorial: DMPK1 – <i>Dr Robert Ings (RMI Pharmacokinetics) / Dr Colin Vose (Scientific Consultant)</i> SAR1 – <i>Professor Simon Ward (University of Sussex) / Dr Tony Mete (Medsyn design Ltd)</i> QSAR1 – <i>Dr Tim Luker (Eli Lilly) / Dr Andy Davis (AstraZeneca)</i> |
| 15:30 | TEA AND COFFEE |
| 16:00 | Lecture: Physicochemical Properties <i>Dr Tim Luker (Eli Lilly)</i> |
| 17:00 | Poster Session and wine reception |
| 19:00 | Close |
| 19:30 | DINNER – Burleigh Court main restaurant (residents only) |

Tuesday 13 June

| | |
|----------------------|--|
| 09:00 | Lecture: Quantitative Structure-Activity Relationships <i>Dr Andy Davis (AstraZeneca)</i> |
| 10.00 | COFFEE |
| 10:30 | Tutorial: DMPK2 – Dr Robert Ings (RMI Pharmacokinetics) / Dr Colin Vose (Scientific Consultant) SAR2 – Professor Simon Ward (University of Sussex) / Dr Tony Mete (Medsyndesign Ltd) QSAR2 – Dr Tim Luker (Eli Lilly) / Dr Andy Davis (AstraZeneca) |
| 12:30 | LUNCH – The Babbage Room |
| 13:30 | Lecture: Biological targets and impact on Medicinal Chemistry <i>Professor Simon Ward (University of Sussex)</i> |
| 14:30 | Case Study: JANUVIA® and Beyond: Selective Dipeptidyl Peptidase IV Inhibitors for the Treatment of Type 2 Diabetes <i>Dr Ann E Weber (Scientific Consultant)</i> |
| 15:30 | TEA |
| 16:00 | Tutorial: DMPK3 – Dr Robert Ings (RMI Pharmacokinetics) / Dr Colin Vose (Scientific Consultant) SAR3 – Professor Simon Ward (University of Sussex) / Dr Tony Mete (Medsyndesign Ltd) QSAR3 – Dr Tim Luker (Eli Lilly) / Dr Andy Davis (AstraZeneca) |
| 18:00 | Close |
| 18:30 | DINNER- Burleigh Court main restaurant (residents only) |
| 19:30 – 20:45 | Evening Lecture (The Avon Room, Burleigh Court): Science, Art and Drug Discovery- A Personal Perspective <i>Sir Simon Campbell (Scientific Consultant)</i> |

Wednesday 14 June

| | |
|--------------|--|
| 08:30 | Lecture: Computational Chemistry in Drug Discovery <i>Dr Darren Green (GlaxoSmithKline)</i> |
| 09:30 | TBC <i>Cheryl Doherty (Pfizer Ltd)</i> |
| 10.30 | COFFEE |
| 11:00 | Case Study: Medicines discovery in academia: the discovery and clinical development of UE2343 for the treatment of Alzheimer's disease <i>Dr Scott Webster (University of Edinburgh)</i> |
| 12:00 | LUNCH – Holywell Park Main Restaurant |
| 13:00 | Tutorial: TV – Dr Nessa Carey (PraxisUnico) CC – Dr Darren Green/Dr Colin Edge (GlaxoSmithKline) |

| | |
|-------------|---|
| | 13:00-15:00 TV1 and TV2 – Dr Nessa Carey (PraxisUnico) 13:00-14:30 CC3 - Dr Darren Green (GlaxoSmithKline)/ Dr Colin Edge (GlaxoSmithKline) |
| 14:30-15:30 | AFTERNOON TEA (Split group tea) |
| 15:00 | Tutorial: 15:00-17:00 TV3 – Dr Nessa Carey (PraxisUnico) 15:30-17:00 CC1 - Dr Darren Green (GlaxoSmithKline) 15:30-17:00 CC2 – Dr Colin Edge (GlaxoSmithKline) |
| 17:00 | Lecture: 'Beyond the rules? Dr Andy Merritt (MRC Technology) |
| 18:00 | Close |
| 19:30 | DINNER- Burleigh Court main restaurant (residents only) |

Thursday 15 June

| | |
|-------|--|
| 09:00 | Lecture: Patents in Medicinal Chemistry Dr Andy Cook (AstraZeneca) |
| 10:00 | Toxicology Dr Mike Kelly (GlaxoSmithKline) |
| 11:00 | COFFEE |
| 11:30 | Tutorial: Toxicology Dr Mike Kelly (GlaxoSmithKline) |
| 12:45 | LUNCH – The Babbage Room |
| 13:45 | Royal Society of Chemistry databases for medicinal chemistry research Dr Guy Jones (Royal Society of Chemistry) |
| 14:00 | Chartered Status and the Importance of Professional Recognition Dr Nelly Harvey (Royal Society of Chemistry) |
| 14:15 | Case Study: Introduction to in-licensing Dr David Fox (Vulpine Science and Learning) |
| 17:45 | Close |
| 18:40 | BUS DEPARTURE TO CONFERENCE DINNER (all delegates) |
| 19:40 | CONFERENCE DINNER (all delegates) |

Friday 16 June

| | |
|-------|--|
| 08:30 | Preparation time for in licensing case study |
| 09:30 | Presentations of the in licensing case study Dr David Fox (Vulpine Science and Learning), Dr Andy Davis (AstraZeneca) and Professor Simon Ward (University of Sussex) |
| 10:45 | Tutorial: Summary of the In licensing workshop Dr David Fox (Vulpine Science and Learning), Dr Andy Davis (AstraZeneca) and Professor Simon Ward (University of Sussex) |

| | |
|-------|---|
| 11:15 | COFFEE |
| 11:30 | TBC <i>Dr Andrew Thomas (F. Hoffmann-La Roche, Ltd)</i> |
| 12:30 | Course Summary <i>Dr Andy Davis (AstraZeneca)</i> |
| 13.00 | LUNCH – Holywell Park Main Restaurant |
| 14.00 | Close |

Please note timings and titles are subject to change.