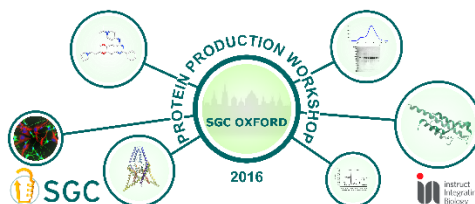


Protein Production Workshop Programme

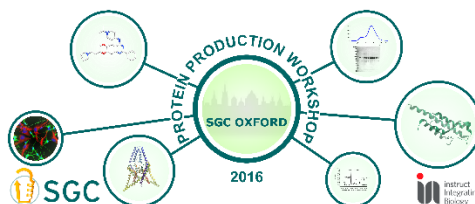
6th – 8th June, 2016

SGC, ORCRB and TDI Buildings, Oxford, UK

Day 1	Lab Workshop (ORCRB, SGC labs, 6th June, 2016)
9:15-9:30	Registration in ORCRB atrium
9:30-12:30	Workshops session 1
12:30-13:30	Lunch (ORCRB atrium)
13:30-16:30	Workshops session 2
Day 2	Speaker talks (TDI, Basement Seminar Room, 7th June, 2016)
8:30-9:00	Registration and coffee
	Welcome
9:00-9:10	Nicola Burgess-Brown
	Session 1 - Challenging Proteins (Chair – Nicola Burgess-Brown)
9:10-9:35	Opher Gileadi (SGC, Brazil) <i>“Producing challenging proteins”</i>
9:35-10:00	Ross Overman (AstraZeneca, UK) <i>“Protein Science at AstraZeneca; Novel Approaches to Tricky Targets”</i>
10:00-10:25	Radu Aricescu (STRUBI, University of Oxford) <i>“Protein production in mammalian cells”</i>
10:25-10:45	Discussion lead by the chair
10:45-11:15	Break
	Session 2 – Antibodies/Binders (Chair – Imre Berger)
11:15-11:40	Susanne Gräslund (SGC, Stockholm) <i>“HT production of high-quality antigens and recombinant antibodies”</i>
11:40-12:05	Jonas Schaefer (University of Zurich, Switzerland) <i>“Next-Generation Binder Discovery – Multipurpose DARPins for Innovative Applications”</i>



- 12:05-12:30 Joanne Nettleship (OPPF, UK) ***“Streamlined production of antibody fragments using mammalian cells for structural studies”***
- 12:30-12:50 Discussion lead by the chair
- 13:00-14:00 **Lunch (ORCRB atrium)**
- 14:00-14:25 **Session 3 – Baculovirus Expression Systems (Chair – James Love)**
Bob Possee (OET Ltd, Oxford) ***“Hybrid gene promoters, supercharged viruses and genetic stability”***
- 14:25-14:50 Imre Berger (University of Bristol, UK) ***“Baculovirus expression: Old dog, new tricks”***
- 14:50-15:15 Dominic Tisi (Astex, UK) ***“Protein production and biophysical characterisation of the epigenetic oncogene mmSET”***
- 15:15-15:35 Discussion lead by the chair
- 15:35-16:00 **Break**
- 16:00-16:25 **Session 4 – HTP Screening (Chair – Renaud Vincentelli)**
Darren Hart (IBS, France) ***“Engineering of proteins and their interactions using random library approaches”***
- 16:25-16:50 James Love (DNA2.0, US) ***“Making the most from mammalian protein production”***
- 16:50-17:15 Lei Kai (Max Planck Institute of Biochemistry, Germany) ***“The application of high-throughput cell free platform”***
- 17:15-17:40 Bob Stroud (UCSF, US) ***“Dialectics of a yeast pipeline for eukaryotic membrane proteins”***
- 17:40-18:00 Discussion lead by the chair
- End of Day 2**
- Buffet and Drinks at Al-Andalus Tapas Bar starting at 19:00 (Directions provided at end of programme)**



Day 3

Speaker talks (TDI, Basement Seminar Room, 8th June, 2016)

Session 1 – Protein Characterisation/Quality Control (Chair – Ross Overman)

9:00-9:25

Renaud Vincentelli (AFMB, France) *“Quantifying affinities between all the PDZ domains and the Human Papillomavirus E6 oncoprotein by high-throughput « holdup » assay”*

9:25-9:50

Rod Chalk (SGC, Oxford) *“Mass Spectrometry of Proteins”*

9:50-10:15

Liz Carpenter (SGC, Oxford) *“Preparing membrane proteins for X-ray, EM, xFEL and functional studies”*

10:15-10:25

Karolina Peciak (AstraZeneca, UK) *“Design and production of NSD2 constructs to support identification of potent and selective inhibitors of MMSET with utility in multiple myeloma”*

10:25- 10:35

Discussion lead by the chair

10:35-11:00

Break

Session 2 – Protein Production in Industry (Chair – Liz Carpenter)

11:00-11:25

Joerg Weiske (Bayer, Germany) *“Protein Production @ Protein Technologies (Bayer)”*

11:25-11:50

Debra Brennan (Boehringer-Ingelheim, Germany) *“Protein production with and without outsourcing”*

11:50-12:15

Sandrine Thieffine (Evotec, UK) *“High-throughput Screening of Protein Constructs followed by Medium-throughput Scale-up”*

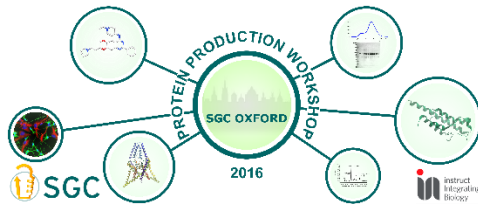
12:15-12:30

Discussion lead by the chair

12:30-13:30

Lunch (ORCRB atrium)

End of Workshop



Directions to Al-Andalus Tapas Bar:

Al-Andalus Tapas Bar, 10 Little Clarendon Street, City Centre, Oxford OX1 2HP
 Take the 4 a, b or c bus into town from Old Road bus stop

