

**EVOlUTION Summer School and IQVIA workshop**  
**Monday 10<sup>th</sup> September – Friday 14<sup>th</sup> September 2018**

**Summer School and Transferable Skills Training**  
***“Hello! ‘Any drug there’? Preclinical and Clinical innovation for next decade therapeutics”***

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**Day 1: Monday 10<sup>th</sup> September – Rotblat building G05, Charterhouse Square, London, EC1M6BQ**

**Transferable skills training V, session 1: Ethics and research governance**

09.30-10.30 N. Goulding (QMUL) Researchers behaving badly – why it matters

**10.30-11.00 Break**

**Transferable skills training V, session 2: Public engagement and fundraising**

11.00-12.30 Sarah Barnes - QMUL Centre for Public Engagement -Engaging with people outside of academia: public engagement and patient involvement

**12.30-13.30 Lunch (Shield café)**

**Summer School session 1: Are large data sets delivering their promise?**

13.30-14.00 Stefano Piero (QMUL) Data integration for patient benefit: Linking health, -omics and biobanking data

14.00-15.00 **Plenary Lecture**, Clare Turnbull (ICR) Genetic Susceptibility for Cancer Prevention

**Abstract:** Initial euphoria for precision oncology as the panacea to poor outcomes for metastatic cancers has been tempered with realisation of the challenges associated with tumour heterogeneity, tumour evolution and emergence of resistance mutations. Recognition of this has, in part, fuelled renewed focus upon prevention and early detection of cancer through screening. Any such strategies are likely a priori to have more impact if targeted towards those at highest risk of developing cancer. Genetic testing for mutations in the cancer susceptibility genes has for many years been common place in family cancer clinics but there is now interest in the potential of genetic risk profiling to deliver personalised prevention programs to a wider population. I shall review the current landscape of genetic cancer susceptibility and opportunities for expansion of genomic profiling to broaden clinical benefit.

**15.00 -15.30 Break**

## Summer School Session 2: Nature's experiments: how human genetics can guide target selection

- 15.30-16.00 Eirini Marouli (QMUL) Genetics of human adult height  
16.00-16.30 David Van Heel (QMUL, East London Genes and Health) East London Genes & Health: naturally occurring human knockouts.  
16.30-17.00 Damian Smedley (Genomics England) The 100,000 Genomes Project

## Day 2: Tuesday 11<sup>th</sup> September - Rotblat building G05, Charterhouse Square, London, EC1M6BQ

### Summer School Session 3: Drug development: pre-clinical testing – UCB

- 09.30-10.00 Adrian Moore –In vitro assays  
10.00-10.30 Gareth Davies -Legal, ethics and 3Rs applied to animal research



#### 10.30-11.00 Break

- 11.00-11.30 Adrian Moore -In vivo pharmacology  
11.30-12.00 Mark Penny -Modelling and simulation  
12.00 -13.00 Gill Holdsworth -The sclerostin project

#### 13.00-14.00: lunch (Shield café)

### Summer School Session 4: Unbiased platform technologies for new target identification

- 14.00-14.30 Myles Lewis (QMUL) -Transcriptomics: from blood to tissue  
14.30-15.00 Pedro Cutillas (BCI) - Phosphoproteomics for target discovery and personalized medicine  
15.00-16.00 Chris Thiemeermann (WHRL)- Drug Repurposing

#### 16.00 - 16.30 Break

- 16.30 -17.30 ESR Journal club  
19.00- 22.00 Summer School dinner  
Apulia, 50 Long Ln, London EC1A 9EJ  
<http://apuliarestaurant.co.uk/>

## IQVIA workshop

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**Day 3: Wednesday 12<sup>th</sup> September** – IQVIA, Reading, 500 Brook Drive, Green Park, Reading Berkshire RG2 6UU

**Objective: To understand clinical trials in a commercial setting, their role in drug development, key players, processes, roles, activities, challenges.**

10.30-12.00 **Session 1:** Kaye Hallett, Next Generation Clinical Operations  
Welcome to IQVIA, introductions, expectations, scene setting

**12.00 -13.00** **Lunch**

13.00 -14.30 **Session 2:** Dr Lynne Hughes, Project Leadership  
Compounds to cures

**14.30-15.00** **Break**

15.00-16.30 **Session 3:** Ian Workman, Quality Assurance  
GCP – Quality (QA/QM)

**Day 4: Thursday 13<sup>th</sup> September** IQVIA, Reading 500 Brook Drive, Green Park, Reading Berkshire RG2 6UU

9.00 -10.30 **Session 4:** Paula Jefferies and Nikki Martin, Clinical Operations  
Site Id and Start Up processes - Site ID, Reg, Ethics, Contracting

**10.30-11.00** **Break**

11.00-13.00 **Session 5:** Paraskevi Memsta, Clinical Operations  
The monitoring Process – a day in the life of a CRA

**13.00 -14.00** **lunch**

14.00 -15.30 **Session 6:** Kate Peacock, Statistical Programming, DM and Stats/Reporting  
Corrine Willmott, Medical Writing

**15.30-16.00** **Break**

16.00-17.30 **Session 7:** Shauna Birtles and Helena Jordan, Market Access

19.00 – 22.00 IQVIA workshop dinner, Revolucion De Cuba, 138-141 Friar St, Reading RG1 1EX  
<https://www.revoluciondecuba.com/bar/reading/>

**Day 5: Friday 14<sup>th</sup> September** IQVIA, Reading, 500 Brook Drive, Green Park, Reading Berkshire RG2 6UU

9.00 -10.30 **Session 8:** Justin Watts, Next Generation Clinical Operations  
Site strategies. Patient Recruitment. Solutions to challenges.

**10.30-11.00 Break**

11.00-12.00 **Session 9:** Kaye Hallett, Next Generation Clinical Operations  
Summary and concluding discussions.

**12.00 -13.00 Lunch**

**End of meeting**