

## Workshops for the CELL CULTURE ENGINEERING XIV Conference--2014

### 1. Opportunities for International Collaboration

Chairs: **Manuel Carrondo**, IBET, Portugal, [mjtc@ibet.pt](mailto:mjtc@ibet.pt); **Wen-Song Tan**, East China University of Science and Technology, China, [wstan@ecust.edu.cn](mailto:wstan@ecust.edu.cn)

### 2. Scale-up and Scale-down Challenges/Cell Culture Modeling

Chairs: **Ashraf Amanullah**, Gilead Sciences, USA, [Ashraf.amanullah@gilead.com](mailto:Ashraf.amanullah@gilead.com);  
**Gregg Nyberg**, Amgen, USA, [gnyberg@amgen.com](mailto:gnyberg@amgen.com)

### 3. Single-use Technologies

Chairs: **Sadettin Ozturk**, MassBiologics, USA, [Sadettin.Ozturk@massbiologics.org](mailto:Sadettin.Ozturk@massbiologics.org); **Jean-Marc Guillaume**, Sanofi Pasteur, France, [jean-Marc.Guillaume@sanofipasteur.com](mailto:jean-Marc.Guillaume@sanofipasteur.com)

### 4. Future Manufacturing Design

Chairs: **Suzanne Farid**, University College London, United Kingdom, [s.farid@ucl.ac.uk](mailto:s.farid@ucl.ac.uk); **Jason Walther**, Genzyme, USA, [jason.walther@genzyme.com](mailto:jason.walther@genzyme.com)

### 5. Applications of -omics Technology

Chairs: **Lars Nielsen**, University of Queensland, Australia, [Lars.Nielsen@uq.edu.au](mailto:Lars.Nielsen@uq.edu.au);  
**Terry Papoutsakis**, University of Delaware, USA, [epaps@udel.edu](mailto:epaps@udel.edu)

### 6. Reducing Time from Product Candidate to the Clinic

Chairs: **Tiffany Rau**, Eli Lilly, USA, [tiffanyrau@aol.com](mailto:tiffanyrau@aol.com); **Martin Allen**, Pfizer, USA, [martin.j.allen@pfizer.com](mailto:martin.j.allen@pfizer.com)

### 7. Novel Development of Cell Culture Media

Chairs: **Marc Aucoin**, University of Waterloo, Canada, [maucoin@uwaterloo.ca](mailto:maucoin@uwaterloo.ca); **Yao-Ming Huang**, Biogen Idec, USA, [Yao-ming.Huang@biogenidec.com](mailto:Yao-ming.Huang@biogenidec.com)

### 8. Cell Culture Manufacturing Safety: Prevention of Contamination of Adventitious Agents

Chairs: **Armin Opitz**, Genzyme, USA, [Armin.Opitz@genzyme.com](mailto:Armin.Opitz@genzyme.com) ; **Harmit Vora**, BioMarin, USA, [hvora@bmrn.com](mailto:hvora@bmrn.com)

### 9. Product Comparability Assessment During Development and Post-Launch

Chairs: **Gino Grampp**, Amgen, USA, [gino@amgen.com](mailto:gino@amgen.com); **Mark Moody**, Merrimack, USA , [mmoody@merrimackpharma.com](mailto:mmoody@merrimackpharma.com)

### 10. QbD and Design Space/Data Management and Statistics

Chairs: **Brian Kelley**, Genentech, USA, [kelly.brian@gene.com](mailto:kelly.brian@gene.com); **Tongtong Wang**, Eli Lilly, USA, [wangto@lilly.com](mailto:wangto@lilly.com)

Any participant interested in participating in a workshop as a panelist should contact the workshop chairs – see workshop sessions above.