

## SFC Asia 2017 Program

### Wednesday, July 12

11:00-1:00 Short Course Registration

1:00-5:30 Short Course

### Thursday, July 13

8:00-8:50 Registration

8:50-9:00 **Conference Welcome** – Takeshi Bamba and Nick Mitchell

9:00-9:45 Plenary Lecture: David Pinkston, Kellogg Company, Battle Creek, MI, USA, **Chromatography with Supercritical Fluids: Promise, Progress, and Impact**

9:45-10:15 Caroline West, University of Orleans, France, **Shape Selectivity in SFC**

10:15-10:45 Chang Yi Kong, Shizuoka University, Hamanatsu, Japan, **Determination of Fundamental Properties such as Diffusion Coefficient, Retention Factor, Partial Molar Volume and Solubility in Supercritical Carbon Dioxide by the CIR Method**

10:45-11:15 Break

11:15-11:45 Toshi Funazukuri, Chuo University, Tokyo, Japan, **Prediction of Retention Factors for Chiral Compounds by Correlation with Density in Supercritical Fluid Chromatography**

11:45-12:15 Takeshi Bamba, Kyushu University, Fukuoka, Japan, **Opening a New Chapter in Metabolic Profiling by Supercritical Fluid Extraction and Separation Technologies**

12:15-2:00 **Shimadzu Luncheon Seminar**

2:00-3:30 **Poster Session**

3:30-4:00 Eric Francotte, Francotte Consulting, Basel, Switzerland, **SCF: A Versatile Separation Technology to Support Drug Discovery**

4:00-4:25 Larry Miller, Amgen, Cambridge, MA, USA, **Process Excellence in Discovery Scale Pharmaceutical Chiral Purifications**

4:25-4:50 Cyrille Santerre, ISIPCA, Versailles, France, **Flowers Absolute Fingerprint with SFC-HRMS Non Targeted Method**

4:50-5:15 Aleksandar Panayotov, SGS Bulgaria Ltd, Varna, Bulgaria, **Pesticide Residues in Food and Feed: SFE/SFC Method**

5:30-7:00 **Reception**

## Friday, July 14

- 8:00-9:00 Registration
- 9:00-9:30 Daniel Armstrong, University of Texas at Arlington, Arlington, TX, USA, **Pushing the Limits of Chiral and Achiral Analytical SFC**
- 9:30-10:00 Motonobu Goto, Nagoya University, Nagoya, Japan, **Extraction and Separation by Super Critical Fluids**
- 10:00-10:30 **Break**
- 10:30-11:00 Christopher Welch, Welch Innovations, LLC, Cranbury, NJ, USA, **Pushing the Speed Limit for Chromatographic Enantioseparation**
- 11:00-11:30 Baoning Su, WuXI AppTec, Shanghai, China, **Application of SFC Chiral Separation in Contract Research Organization (CRO)**
- 11:30-11:55 Ronan Cleary, Waters, Milford, MA, USA, **Transitioning from LC to SFC in a Pharmaceutical environment**
- 12:00-2:00 **Waters Luncheon Seminar**
- 2:00-3:00 **Poster Session**
- 3:00-3:25 Ray McClain, Merck & Co., West Point, PA, USA, **Greening Flash Chromatography**
- 3:25-3:50 Kanji Nagai, Daicel Corporation, Hyogo, Japan, **Poly(vinylpyridine) based SFC Stationary Phase: Versatile for Nonpolar to Polar Sample Analyses**
- 3:50-4:15 Marcin Chutkowski, Rzeszow University of Technology, Rzeszow, Poland, **Advanced and Simplified Method for Modeling of the Supercritical Fluid Chromatographic Process**
- 4:15-4:40 Mengling Wong, Genentech, South San Francisco, CA, USA, **Online Supercritical Fluid Extraction/Supercritical Fluid Chromatograph (SFC/SFC) for Analysis of Pharmaceuticals and Food**
- 4:40-4:50 **Conference Closing** – David Pinkston and Nick Mitchell