



Year of the Horse

# 2<sup>nd</sup> Annual Shanghai GPCR Forum

## Agenda

December 7<sup>th</sup>, 2014

### Session 1 Structure – 8:15am – 10:00am

**Chair Raymond C. Stevens**

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8:15am-8:30am	Opening Remarks	Yin Jie Vice President & Provost ShanghaiTech University
8:30am-9:00am	Structural studies of purinergic GPCRs	Qiang Zhao SIMM
9:00am-9:30am	Application of GPCR structural biology from Biotech to Non-profit	Michael Hanson GPCR Consortium
9:30am-10:00am	GPCR crystallography with X-ray lasers	Vadim Cherezov Scripps

Photo & Break 10:00am – 10:30am

### Session 2 Drug Discovery – 10:30am – 12:30pm

**Chair Fei Xu**

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10:30am-11:00am	G protein-coupled receptor as therapeutic targets	Xin Xie SIMM
11:00am-11:30am	Dual antagonists of CRTH2/DP as potential treatments of Asthma	Wenge Zhong Amgen
11:30am-12:00pm	Insights in GPCR-ligand binding: it's about time	Rob Leurs VU University Amsterdam
12:00pm-12:30pm	The art of generating the first fully human monoclonal antibodies against the CGRP receptor	Cen Xu Amgen

Lunch, Poster & Vendor Show 12:30pm – 2:00pm

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### Session 3 Biophysical Methods – 2:00pm – 4:00pm

#### Chair Qiang Zhao

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2:00pm-2:30pm	STORM: From concept to biological impact	Guisheng Zhong Harvard/iHuman
2:30pm-3:00pm	The New Role and Contribution of Mass Spectrometry in Life Science	Cathy Wong NCPSS
3:00pm-3:30pm	Monitoring membrane protein conformational dynamics using single molecule FRET	Yongfang Zhao IBP
3:30pm-4:00pm	Dynamical GPCRs, revealed by NMR	Dongsheng Liu iHuman

Break 4:00pm – 4:15pm

### Session 4 Computational and Tool Discovery – 4:15pm – 6:45pm

#### Chair James Liu

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4:15pm-4:45pm	Leveraging Structure for Protein Function Prediction	Suwen Zhao UCSF/iHuman
4:45pm-5:15pm	Chemical tool development for GPCR studies	Houchao Tao iHuman
5:15pm-5:45pm	High throughput technologies for GPCR molecular discovery	Chi-Hao Luan Northwestern University
5:45pm-6:15pm	GPCRDB: GPCR Data, Diagrams and Tools	David Gloriam University of Copenhagen
6:15pm-6:45pm	GPCR structure through the looking glass: New stepping stones for the prediction of GPCR-ligand interactions	Chris de Graaf VU University Amsterdam

Dinner 6:45pm – 8:30pm

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