



ICIG 2015

2nd International Conference on Insect Genomics (ICIG2015)

September 18-20, 2015; Chongqing, China

<http://icig2015.csp.escience.cn/dct/page/1>

Second Announcement

The ICIG 2015 will be held on September 18-20, 2015 in Chongqing, P.R. China. It aims to provide with an international and national platform to share advanced researches in basic and applied genomics on insect, and also a golden opportunity to promote collaborative research networks between scholars and disciplines. The conference is going to address various important topics such as Genome Sequencing and Annotation, Genome Bioinformatics, Comparative Genomics and Evolution, Insect Genome Editing, Functional Genomics and Genome Information-Based Applications. The conference is regarded as one of the top scientific gatherings that feature recent developments in insect genome sciences. The conference will include plenary and keynote talks, oral presentations and posters.

Chongqing is one of four municipalities in P.R. China, with an area of 82,400 km² and a population of 28.8 million. It serves as the economic centre and transportation hub of the upper Yangtze River basin, and has been earmarked as the boiler of western China's growth. It has a significant history and culture, and was the capital of China during World War II, and is one of the most popular traveling destinations of P.R. China. The city of Chongqing is located at the confluence of the Yangtze River and Jialing River, 1,000 km upstream of Three Gorges Dam. It is known as a "mountain city" with buildings on mountains partially surrounded by these two rivers. Its night scene is very illuminated with millions of lights and their reflection on the rivers. Its local meal, hotpot, is nationwide famous with mouth-numbing spics.

Invitation: The ICIG 2015 warmly welcomes scientists, researchers, students and exhibitors from all over the world to Chongqing, P.R. China. We are delighted to invite you all to attend and support our ICIG 2015. The information regarding

registration, program and hotel has been available in the ICIG2015 website <http://icig2015.csp.escience.cn/dct/page/1>. Please consider sharing your insect genomics research via oral and poster presentations.

Highlights of ICIG 2015 include:

Plenary Lectures (6 lectures, 30 min/lecture, 3 in Opening Ceremony and 3 Closing Ceremony)

1. Prof. Le Kang (Member of Chinese Academy of Sciences, China)
2. Prof. Anthony James (Member of Academy of Sciences, USA)
3. Prof. Zhijian (Jake) Tu (Virginia Tech, USA)
4. Prof. Antonia Monteiro (National University of Singapore, Singapore)
5. Prof. Chuanxi Zhang (Zhejiang University, China)
6. Prof. Bin Chen (Chongqing Normal University, China)

- 1. Genome Sequencing and Annotation:** Genome; Transcriptome; Digital Gene Expression; Metagenome; Resequencing; RAD-seq; Non-coding RNA; Metabolome; Mitochondrial Genome; Proteome; Gene Function Annotation; Map Construction
- 2. Genome Bioinformatics:** Data Storage and Management; Algorithm Development and Optimization; Software Application and Improvement; Software Development; Data Mining; Genome-wide Association Analysis; Regulatory Network
- 3. Comparative Genomics and Evolution:** Comparative Genomics; Comparative Transcriptomics; Population Genetics; Gene Family Identification and Evolution; Phylogenetics and Phylogenomics; Molecular Evolution
- 4. Insect Genome Editing:** microinjection, gene knock out, gene knock in
- 5. Insect Functional Genomics:** Gene Cloning and Expression; Gene Structure and Regulation; Signal Transduction Pathway; Transgenic Insect; Genome Editing; Gene Mutation; RNA Interference; Protein Structure; Protein Interaction
- 6. Genome Information-Based Applications:** Insecticide Resistance; Adaptive Capacity;

Organization by:

The Entomological Society of China
Chongqing Normal University

Sponsorship by:

Insect Genomics Division, The Entomological Society of China (ESC)
The Entomological Society of Chongqing
College of Life Sciences, Chongqing Normal University
College of Life Sciences, Chongqing University
Chongqing Association for Science and Technology

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Prof. Wen-Qing Zhang (Sun Yat-sen University)
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Prof. Zhen Zou (Institute of Zoology, C A S)

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Contacts and Further Information:

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Symposiums:

Symposium 1. Genome Sequencing and Annotation

Organizers: Prof. Xin Zhou

Keynote Speakers:

Symposium 2. Genome Bioinformatics

Organizers: Prof. Zhijian (Jake) Tu

Keynote Speakers:

Symposium 3. Comparative Genomics and Evolution

Organizers: Prof. Ze Zhang,

Keynote Speakers:

Symposium 4. Insect Genome Editing

Organizers:

Keynote Speakers:

Symposium 5. Insect Functional Genomics

Organizers: Prof. Antonia Monteiro, Prof. Toru Shimada

Keynote Speakers:

Symposium 6. Genome Information-Based Applications

Organizers:

Keynote Speakers: