

# Peking University Bioaerosol Laboratory Bulletin (PKU-BLB) Volume 3, Issue 1

April 2015

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UNIVERSITÉ  
— PARIS-EST

Prof. Yao was selected as one of high level visiting scholars by University of Paris-EST, Paris, France



9<sup>th</sup> Asian Aerosol Conference

Prof. Yao was selected as one of the keynote speakers at the 9<sup>th</sup> Asian Aerosol Conference to be held during June 24-27, 2015 in Kanazawa, Japan.

北京大学生物气溶  
胶实验室

Beijing, China

## Scientific Publications

1. Currently, we have four manuscripts are under review, and additional four are under preparation

## Academic Honors

1. Outstanding international honor: Prof. Maosheng Yao was selected as one of high level visiting scholars by University of Paris-EST, Paris, France. The selection is based on a number of factors including reputation in their field (publications, H index, other indicators of scientific recognition), and detailed description of the program is available at

<http://www.univ-paris-est.fr/fr/actualites/document-2298.html> . Prof. Yao will be involved both in teaching & research with Dr. Guillaume Da & Prof. Gehin Evelyne.

| Unit inviting * | Graduate School                      | Professor / Researcher Guest | From guest                   |
|-----------------|--------------------------------------|------------------------------|------------------------------|
| CRHEC           | Cultures and Societies               | Lissa Louise ROBERTS         | University of Michigan USA   |
| LIGM            | Mathematics and ICT                  | Zoltan Esik                  | University of Szeged Hungary |
| LAMA            | Mathematics and ICT                  | Yang WANG                    | UST Hong Kong China          |
| LACL            | Mathematics and ICT                  | Alan STEWART                 | Queen's University USA       |
| MSME            | Science, Engineering and Environment | Attila G. CSASZAR            | Eötvös University in Hungary |
| ESYCOM (LPMDI)  | Science, Engineering and Environment | YU Dapeng                    | Peking University China      |
| CERTAINLY       | Science, Engineering and Environment | Maosheng YAO                 | Peking University China      |
| LVMT            | City, Transportation and territories | Rosaldo ROSSETTI             | University of Porto Portugal |
| Ausser (IPRAUS) | City, Transportation and territories | Réjean Legault               | University of Quebec         |

2. Prof. Yao was nominated as one of the keynote speakers at the 9th Asian Aerosol Conference to be held during June 24-27, 2015 in Kanazawa, Japan. The conference web site is <http://aac2015.w3.kanazawa-u.ac.jp/>. Asian Aerosol Conference is being held every two years, and last one was held in Sydney, Australia where Prof. Yao was awarded the

Asian Young Aerosol Scientist Award.

3. Our work was again highlighted as one of the key scientific advances at the 2014 annual summary meeting of State Key Joint Laboratory of Environmental Simulation and Pollution Control held on Feb 4, 2015 at Tsinghua University.

4. Pro. Yao was invited to give a seminar at the 4th PKU Biological Interdisciplinary Forum on Dec 27, 2014.

| 时间          | 报告人           | 报告题目  |
|-------------|---------------|---|
| 08:00-08:20 | 开幕式           |   |
| 08:30-09:30 | 韩启禧<br>(特邀报告) | 谈谈数据与看病   |
| 09:35-10:15 | 郭红卫           | 植物的嗅觉: 气体激素乙烯的感应机制  |
| 10:15-10:35 | 茶歇            |   |
| 10:35-11:15 | 邵峰            | Cytosolic Sensing of Bacteria and Bacterial Virulence                   |
| 11:20-12:00 | 陈兴            | Chemical Tools for Probing Glycosylation Dynamics Vivo                  |
| 12:00-13:30 | 午餐            |   |
| 13:30-14:10 | 沈晓骅           | lncRNA Functions in Stem Cell and Gene Regulation                       |
| 14:15-14:55 | 许瑞明           | Chromatin Structure and Dynamics  |
| 15:00-15:40 | 黄岩宜           | 微流控技术与单细胞测序   |
| 15:40-16:00 | 茶歇            |   |
| 16:00-16:40 | 祁海            | Cellular Dynamics Underlying the Germinal Center Formation and Function |
| 16:45-17:25 | 贾茂盛           | Nano and Physics Meet Biology: Lighting Up Bioaerosol Research          |

## Research Grants

1. Our group has won an international science and technology of China program grant along with other colleagues in our college in collaboration with Canadian team ("Portable Integrated Sensor Network for Online Ambient Air Pollution Monitoring in Urban Environments" with grant #: 2015DFG92040, 1.6 Million RMB). The project is aimed to develop next generation of portable bioaerosol sensor and also an integrated sensor network for air pollution monitoring.

2. Our group also obtained a grant from Chinese PLA Institute of Chemical Defense to

apply our developed technology to treating the chemical warfare agents during the process of dismantling the chemical weapons left over by Japanese army during the past war time.

## Academic Conferences

1. Prof. Yao attended the 7<sup>th</sup> national symposium on environmental chemistry held in Shanghai.



2. Our group members attended a qPCR symposium held in Xiamen University during Dec 7-11, 2014.



## Other Selected Scientific Activities

1. Our group members are scheduled to attend The Association of Environmental Engineering & Science Professors (AEESP) 2015 Conference to be held during June 13-17, 2015 at Yale. The conference web site is located at <http://aeesp.yale.edu/>.

2. Our group members are also scheduled to attend the 9<sup>th</sup> Asian Aerosol Conference to be held during June 24-27, 2015 in Japan.

3. Our exhaled breath collection device is in the middle of commercialization.



## Student News

1. This Fall we are going to graduate one Master student, and 3 undergraduates. Hanqing Han, an undergraduate, received an offer from Stanford University for his graduate study.

## Academic & Social Gatherings



Dr. Yao's birthday party held by students

Our next issue is expected to be in August 2015 & we look forward to more good news from our group. For other information, please visit our laboratory web site: <http://openwetware.org/wiki/Yao-lab>. All contents contained in this document are copyrighted and explained by PKU Bioaerosol Laboratory.