

# Peking University Bioaerosol Laboratory Bulletin (PKU-BLB) Volume 5, Issue 1

April  
2017

Our SLEPTor work has been featured by  
Xinhua News and CCTV GLOBAL News!



A meeting was held between PLA and the college as an effort of strengthening collaborations in bioaerosol field.



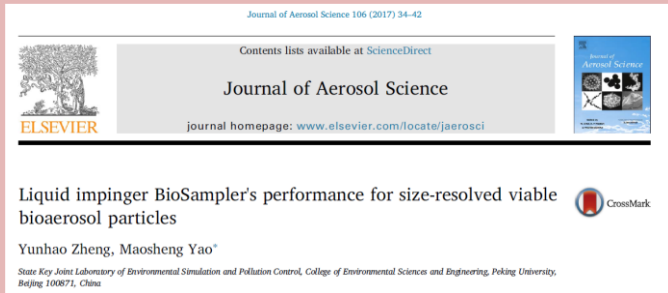
北京大学生物气溶  
胶实验室

Beijing, China

Our laboratory has developed a single living yeast cell based PM toxicity sensor (SLEPTor) that is able to real-time analyze PM toxicity.

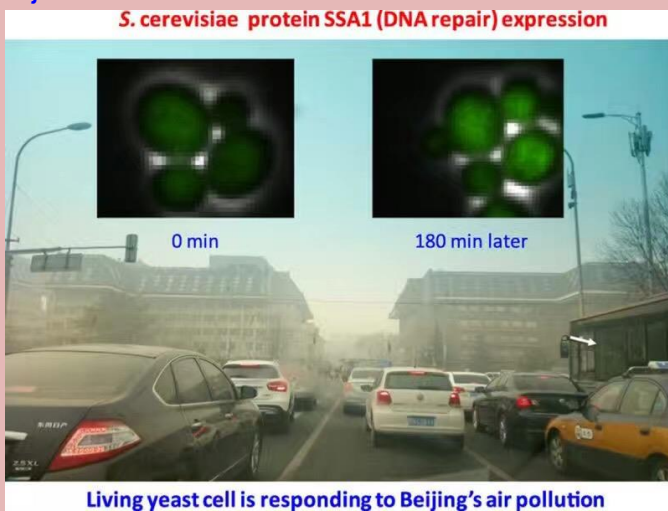
## Scientific Publications

1. Our work about Single Living yEast PM Toxicity Sensor (SLEPTor) System by Wei et al 2017 was published in J Aerosol Sci



DOI:

<http://dx.doi.org/www.sciencedirect.com/science/journal/00218502>



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2. Our work "Liquid impinger BioSampler's performance for size-resolved viable bioaerosol particles" by Zheng et al 2017 was published in J Aerosol Sci



DOI:

<http://dx.doi.org/10.1016/j.jaerosci.2017.01.003>

## Other Selected Scientific Activities

1. Our lab has hosted Prof. Zhaoguang Yang's talk. Prof Yang is a "1000 Talent" Professor from Central South University.

College of Environmental Sciences and Engineering  
Peking University

北京大学环境模拟与污染控制国家重点联合实验室学术报告会  
Seminar of State Key Joint Laboratory of Environmental Simulation and Pollution Control (Peking University)

环境污染对我国饮用水和食品安全的威胁及应对措施

时间: 11:00-12:00AM, 2017年3月16日 地点: 北大环境大楼 B112

报告人: 杨兆光 "千人计划"教授  
中南大学

杨兆光教授早年毕业于中南矿冶学院(中南大学)。1979年留学美国,先后获得美国南达科他矿业理工学院(South Dakota School of Mines & Technology)科学硕士和美国内华达州大学(University of Nevada, Reno)博士学位,并在环保生物科技领域中从事博士后研究。他先后担任美国内华达州大学及美国联邦环保局废物处理研究中心助理研究员、研究员、美国内华达州沙漠研究所环境科学中心化学师、美国西屋电气公司环境部高级工程师、高级化学师及实验室主管等职。1998年新加坡政府聘请他担任新加坡国家环境科学院科研部主任及首席科学家,随后担任新加坡环境水源部先进水研究中心副总裁及首席科学家、新加坡环境水源部公用事业局总工程师、新加坡环境化学认证技术委员会理事、新加坡国立大学和南洋理工大学兼职教授、中国中南大学和武汉理工大学客座教授等职务。杨兆光目前还担任了国家

2. Dr. Yao as a Guest Editor for Journal of Aerosol Science edited a total of 20



bioaerosol journal articles. The topics ranged

The special issue is located at <http://www.sciencedirect.com/science/journal/00218502/115>

3. Our lab has developed a PM toxicity study protocol that can visualize the toxicity of PM samples from different places.



4. Dr. Yao gave a talk to high school students at Huhehot N2 High School.



Our next issue is expected to be in August 2017 & we look forward to exciting news from our group. For other information, please visit our laboratory web site: [www.yaopkulab.com](http://www.yaopkulab.com). All contents contained in this document are copyrighted and explained by PKU Bioaerosol Laboratory.