第17届国际苔藓年会

The 17th Annul MOSS International Conference

2014年9月25-28日　北京

主办单位

首都师范大学　　中国植物学会苔藓专业委员会
中国植物生理与植物分子生物学学会孢子植物生理和分子生物学分会

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秘书:

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会议地点

首都师范大学 北一校区 **国际文化大厦，** 北京市海淀区西三环北路83号

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会议日程

地点：国际文化大厦圆形会议厅

2014 年 9 月 25

8:30—9:00	**Opening Ceremony** **Chair:** Dr. Yikun He (Vice president of Capital Normal University) **Welcome Address:** Dr. Tingyun Kuang (Former president of Botanical Society of China, Member of CAS, Institute of Botany, CAS)
9:00—10:00	**Chair: Dr. Shunong Bai** **Key-note Speaks** **9:00—9:35 Dr. David Cove** (University of Leeds, UK) Caulonemal apical cell polarity. Much is known, but much more still needs to be discovered! **9:35—10:10 Dr. Ralf Reski** (University of Freiburg, Germany) Moss Bioreactors as Potent Tools for Biomedicines
10:10—10:50	***Group photo*** and ***Tea break***
10:50—12:00	**10:50—11:25 Dr. Stefan Rensing** (University of Marburg, Germany) The *P. patens* genome, transcriptome and epigenome: now and then **11:25—12:00 Dr. Yikun He** (Capital Normal University, China) A new moss model? Life cycle and genome of *Takakia lepidozioides* in Tibet Plateau
12:00—14:00	**Buffet lunch** (Dining hall on the ground floor, International Culture Building）and **poster session** (Outside of the round conference Hall, International Culture Building)
14:00—17:40	**Chair: Dr. David Cove** **14:00—14:25 Krzysztof Wabnik** (Institute of Sci & Tech Austria) On the mechanistic origins of auxin transport polarization in land plants **14:25—14:50 Yue Sun** (East China Normal University, China) What does auxin do in *Physcomitrella patens*? **14:50—15:15 Nir Ohad** (Tel-Aviv University, Isreal) Epigenetic regulation of reproduce tion and phase transition in terrestrial plants.

	15:15—15:40 Yosuke Tamada (NIBB, Japan) Establishment of adaptive optics microscopy for the single-nucleus live imaging of chromatin modifications in the moss Physcomitrella patens **Tea break （15:40-16:00）** **16:00—16:25 Karel J Angelis** (Institute of Exp Botany AS, Czech) Detection of oxidative DNA damage and its consequence by combined "comet" and mutagenesis assays in plants **16:25—16:50 Daisuke Takezawa** (Saitama University, Japan) Characterization of UV-induced mutant lines of *Physcomitrella patens*with reduced sensitivity to cold and abscisic acid **16:50—17:15 Zhang Fang** (Capital Normal University, China) Transcriptional Regulation of *P. patens* miR1023a and *SENSITIVE TO PROTON RHIZOTOXICITY1 (PpSTOP1)* Homeostasis in Abscisic acid and Desiccation Stress Responses **17:15—17:40 Meenu Kapoor** (Guru Gobind Singh Indraprastha Univ., India) Role of the Methyltransferase, PpDNMT2 as a Stress Associated Gene in *Physcomitrella patens.*
17:40—19:00	**Buffet dinner** (Dining hall on the ground floor, International Culture Building)

2014 年 9 月 26 日

9:00—11:40	**Chair: Dr. Ralf Reski** **Key-note Speak:** **9:00—9:35 Dr. Mitsuyasu Hasebe** (NIBB, Japan) Evolution of development in land plants General Conference Speaks **9:35—10:00 Xu Bo** (Nara Institute of Sci & Tech, Japan) Conservation of gene regulatory mechanism controlling water-conducting and supporting cell formation in land plants **10:00—10:25 Yang Liu** (Univ. of Connecticut, USA) 350 Million years of mitochondrial genome stasis in mosses, an early land plant lineage **Tea break (10:25-10:50)** **10:50—11:15 Chen Li** (NIBB, Japan) Cold shock domain protein functions in reprogramming from differentiated cells to stem cells in the moss *Physcomitrella patens* **11:15—11:40 Yukiko Kabeya** (NIBB, Japan) Characterization of putative integrators of light signaling and histone modification
11:40—14:00	**Buffet lunch**（Dining hall on the ground floor, International Culture Building.）and **poster session** (Outside of the round conference Hall, International Culture Building)

14:00—17:40	**Chair: Dr. Mitsuyasu Hasebe** **14:00—14:25 Minoru Kubo** (NARA Inst. of Sci. & Tech, Japan) Establishment of single cell transcriptome analysis in *P. patens* leaves **14:25—14:50 Manuel Hiss** (Univ. of Marburg, Germany) Microarray expression data for *Physcomitrella patens.* **14:50—15:15 Fesenko Igor** (Shemyakin-Ovchinnikov Inst. of bioorganic chem., RAS) Identification of small open reading frame (sORF) in genome of the moss *Physcomitrella patens* **15:15—15:40 Lihong Xiao** (Capital Normal Univ., China) Global transcriptional and epigenetic trends in response to dehydration-recovery cycle in *Physcomitrella patens* gametophores **Tea break (15:40-16:00)** **16:00—16:25 Shih-Long Tu** (Inst. of Plant and Micro. Bio., Academia Sinica, Taiwan) Genome-wide analysis of stress-responsive alternative splicing in *Physcomitrella patens* pathways during stem cell formation in *Physcomitrella patens.* **16:25—16:50 Renault Hugues** (FRIAS, France) A glimpse into the origins of the plant phenolic metabolism **16:50—17:15 Simon Bressendorff** (Univ. of Copenhagen) A MAP kinase regulates innate immunity triggered by pathogen associated molecular patterns in moss **17:15—17:40 Vinogradova Svetlana** (Centre of Bioengineering, RAS) Interaction of *physcomitrella patens* and phytopathogenic bacteria
17:40—19:00	**Buffet dinner** (Dining hall on the ground floor, International Culture Building)

2014 年 9 月 27 日

9:00—12:15	**Chair: Dr. Stefan Rensing** **9:00—9:25 Tomoichi Fujita** (Hokkaido University, Japan) Intercellular communication through plasmodesmata in protonemata of the moss *Physcomitrella patens* **9:25—9:50 Zhang Daoyuan** (Xinjiang Inst. of Ecology and Geography, CAS) De novo transcriptome characterization of the desert moss *Bryum argenteum* and its gene expression profiles following rehydration **9:50—10:15 Hyoungseok Lee** (Korea Polar Research Inst.) Genomic blueprint of a dominant Antarctic moss, *Sanionia uncinata* **10:15—10:40 Kristian Ullrich** (Univ. of Marburg, Germany) Gene-duplication events and phylostratigraphy in the bryophytes inferred from the one kp project **Tea break (10:40--11:00)** **11:00—11:25 Anna Seredina** (Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, RAS) Quantitative proteomic analysis of chloroplast proteins of the *Physcomitrella patens*. **11:25—11:50 Liu Li** (Kunming Inst. Of Bot., CAS) ATP Requirement for Chloroplast Protein Import Is Set by the KM for ATP Hydrolysisof Stromal Hsp70 in *Physcomitrella patens* **11:50—12:15 Ines Delorge** (Dep. of Mol. Micro., VIB, Belgium) Analysis of trehalose class I genes in *Physcomitrella patens*
12:15—14:00	**Buffet lunch** （Dining hall on the ground floor, International Culture Building.）
14:00—16:00	**Poster session** (Outside of the round conference Hall, International Culture Building)
18:30—20:00	***Banquate and Music performance* at Jinlongtan Hotel, 3rd floor**