

New Frontiers of Plant Sciences

SPECIAL SYMPOSIUM

with *Physcomitrella patens*

特別シンポジウム 「ヒメツリガネゴケが拓く植物科学の最前線」

2010年7月23日 (金) 13:30 - 16:50

北海道大学農学部 4F 大講堂、無料

David J. Cove (Washington Univ. in St. Louis)

“The moss model system. What it can do and what still is needed”

Andrew Cuming (Leeds Univ.)

“DNA repair pathways and gene targeting in *Physcomitrella patens*”

Daniel Lang (Univ. of Freiburg)

“Genome-wide phylogenetic comparative analysis of plant transcriptional regulation:
a timeline of loss, gain, expansion and correlation with complexity”

Tomoaki Nishiyama (Kanazawa Univ., JST ERATO)

“Genome sequence of *Physcomitrella patens* and beyond”

Mitsuyasu Hasebe (NIBB., JST ERATO)

“Molecular mechanisms of reprogramming from a differentiated cell to a stem cell
in the moss *Physcomitrella patens*”

Didier G. Schaefer (Univ. de Neuchâtel)

“The function of TONNEAU1 in moss reveals an ancient mechanism of division
plane specification in land plants”

Ralph S. Quatrano (Washington Univ. in St. Louis)

“The moss *Physcomitrella patens* as a model to study desiccation tolerance:
the role of the transcriptional regulator ABI3”

主催 北海道大学理学部・大学院理学研究院

共催 科学技術振興機構・ERATO長谷部分化全能性進化プロジェクト

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