

第 568 回 難研 セ ミ ナ ー

第 141 回 難治疾患共同研究拠点セミナー

下記により難研セミナーを開催しますので、多数御来聴下さい。

記

日 時：2017 年 1 1 月 1 6 日（木） 1 7： 0 0～1 9：0 0

場 所： M&D タワー 2 1 階、セミナー室

演 者： Josef M. Penninger 教授

(Institute of Molecular Biotechnology of the Austrian Academy of Sciences)

演 題： From haploid stem cells to swaying sugar forests

要 旨： Penninger 博士は、ノックアウトマウス作出の手法

を駆使して免疫の分子機構を中心に骨やがん形成など多様な

高次生命現象を支える分子機構の解明に貢献されてきました。

今回はパプロイド ES 細胞を用いたお仕事を紹介して頂く予定

です。

連絡先： 発生再生生物学分野 仁科 博史（内線 4659）

共催： 生体防御学分野 樗木 俊聡

The 568th Medical Research Institute Seminar
The 141th Joint Usage/Research Program of Medical Research Institute Seminar

Date: November 16, 2017

Venue: Seminar room, M&D tower 21F

Lecturer: Josef M. Penninger

(IMBA, Institute of Molecular Biotechnology of the Austrian Academy of Sciences)

Title: From haploid stem cells to swaying sugar forests

Summary: Diseases can no longer be pigeon-holed into distinct anatomical regions. For instance, we now know that Parkinson's disease is not simply a neurological condition but rather involves many additional players such as our immune system, blood system and even the microflora in our gut. So, Dr. Penninger has shown for example how one factor, RANKL, is important in a variety of biological processes and diseases from bone metabolism to immune functioning to thermoregulation to breast and lung cancers. Using a holistic approach to understand the role each system plays in a disease and also how the same gene can affect many physiological processes is essential to develop new and effective treatments. In this seminar, he will give us his recent works using haploid ES cells.

Organizers: Developmental and Regenerative Biology,
Prof. Hiroshi NISHINA (ext. 4659)

Co-organizer: Biodefense Research
Prof. Toshiaki OHTEKI