# The 5th Kyoto Course on Bioinformatics for Genomic Medicine
## Course on Computational Genomics & 3rd Neurepiomics Workshop and International Symposium on Rare and Intractable Diseases
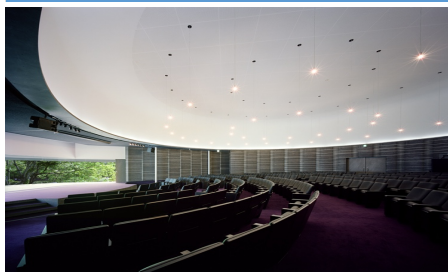*November 6 – 10, 2017 Kyoto University*

*Date*:
Monday, November 6 –
Thursday, November 9, 2017

*Course fee*:
Academic: 30,000 yen.
Non-academic: 60,000 yen.

*Application deadline*:
**SEPTEMBER 30, 2017**

## TRAINING COURSE & NEUREPIOMICS WORKSHOP

The 4-day training course and workshop will provide a practical introduction to genomics analysis in human genetics with a focus on applications in the neurosciences and neurological disease. The course provides attendees with a unique opportunity to interact closely with the world-leading researchers who serve as instructors.

VENUE: Lecture Room, Med-Pharm Collaboration Building 1F, Kyoto University, Yoshida Shimoadachi-cho, Sakyo-ku, Kyoto 606-8304, Japan (Pharmaceutical Sciences Campus)

TOPICS: Design of genetic epidemiology studies for neurological related traits, use of imaging data in genetic studies, advances in next generation sequencing and data analysis, combining genetics with epigenomics, metabolomics and microbiome studies for neurological traits, and Mendelian randomization methodology.

COURSE ORGANIZERS: S. Debette (U. of Bordeaux), K. Higasa (Kyoto U.), Y. Kamatani (Kyoto U.), M. Lathrop (McGill U.), F. Matsuda (Kyoto U.), S. Seshadri (Boston U.), R. Yamada (Kyoto U.)

INSTRUCTORS: H. Adams (Rotterdam), J. Bis (Seattle), M. Bourgey (Montreal), D. Chasman (Boston), F. Crivello (Bordeaux), S. Debette (Bordeaux), A. de Stefano (Boston), C. Dufouil (Bordeaux), M. Dumas (London), M. Fornage (Houston), Y. Kamatani (Kyoto), H. Klein (New York; TBC), L. Launer (Bethesda), J. Majewski (Montreal), P. Matthews (London), I. Ragoussis (Montreal), S. Seshadri (Boston), N. Timpson (Bristol), C. Tzourio (Bordeaux), C. van Duijn (Rotterdam).

ATTENDEES: The course is aimed principally at advanced doctoral students or post-doctoral researchers who need to apply genomic approaches in neurology or other medical areas. Applicants will be selected based on description of their background and future research projects to be submitted when applying the course. The number of attendees will be limited to a maximum of 30. Those who intend to participate in the training course, please apply first using the application form on our website.

*Date*: Friday, November 10, 2017

## SYMPOSIUM

The course will be followed by a symposium with invited international speakers to provide perspectives on recent advances in understanding and diagnosing rare disease. The symposium will be open to the course attendees and others from the scientific community. There are no fees for the symposium but advance registration is recommended.

VENUE: Inamori Hall, Shiran Kaikan, Kyoto University Graduate School of Medicine, Yoshida Konoe-cho, Sakyo-ku, Kyoto 606-8501, Japan (Medicine Campus)

## APPLICATION DETAILS
http://www.genome.med.kyoto-u.ac.jp/NgsCourse/
SECRETARIAT : Center for Genomic Medicine, Kyoto University Graduate School of Medicine
E-mail: ngs_course@genome.med.kyoto-u.ac.jp

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