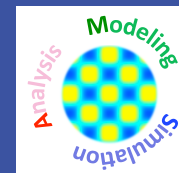


subHeKKSaGOn Mini-workshop on



# Mathematical Approaches to Medical and Life Sciences

Venue: Kawai Hall, Graduate School of Science  
Saturday, June 4, 2016

## Program

10:25-10:30 Opening

10:30-11:10 高木 泉 (教養教育院) *Receptor-ligand models may explain diversity of forms and shapes*

11:20-12:00 田崎創平 (学際科学フロンティア研究所) *Self-organization of microbial communities against environmental pH variation*

13:30-14:10 蛭子くるみ (理学研究科数学専攻) *Remarks on how to plan intermittent androgen suppression therapy for prostate cancer: Mathematical analysis of model equations*

14:20-15:00 中澤 嵩 (純粹・応用数学研究センター) *Shape Optimization for Flow Stability Control and its Application toward Hemodialysis*

15:20-16:10 木村芳孝 (医学系研究科) *The possibility of New Blind source method for clinical devices*

飯田溪太 (東北大学病院臨床研究推進センター) *Complex systems found in life systems*

16:20-17:00 Anna Marciniak-Czochra (Institut für Angewandte Mathematik, Universität Heidelberg) *Mathematical modelling of clonal selection in acute leukemias*

17:05-17:10 Closing

科研費  
KAKENHI



For abstracts, visit

<http://morphos.jp/meetings/miniworkshop16/>

