

# Biometal Science 2019

Date: June 7<sup>th</sup> (Fri) – June 8<sup>th</sup> (Sat)  
Place: Hokkaido University Conference Hall (学術交流会館)

## June 7<sup>th</sup> (Fri)

- 13:00 – 13:05 Opening Remark: **Koichiro Ishimori** (Hokkaido University, Japan)  
13:05 – 13:35 **Martin J Stillman** (University of West Ontario, Canada)  
*"Getting the most out of your porphyrin design! Pushing the electronic structure information to the limit"*  
13:35 – 14:05 **Yoshiaki Furukawa** (Keio University, Japan)  
*"Demetallated Cu/Zn-superoxide dismutase as a pathogenic entity causing neurodegeneration"*  
14:05 – 14:20 Break  
14:20 – 15:40 PD and Student Session  
15:40 – 15:55 Break  
15:55 – 16:25 **Takeshi Uchida** (Hokkaido University, Japan)  
*"Heme-iron uptake system of pathogenic bacteria Vibrio cholerae"*  
16:25 – 16:55 **Syun-Ru Yeh** (Albert Einstein College of Medicine, USA)  
*"Molecular Interactions of Human IDO1 with Substrate, Inducer and Inhibitors"*

## June 8<sup>th</sup> (Sat)

- 9:30 – 10:00 **Kei Kitahara** (Hokkaido University, Japan)  
*"Functional genetic selection of Escherichia coli ribosomal RNA"*  
10:00 – 10:30 **Anabella Ivancich** (CNRS and Aix-Marseille University, France)  
*"Evidence from EPR spectroscopy on the allosteric effect as an unprecedented rationale to the resistance of M. tuberculosis catalase-peroxidase (KatG) to the activation of the front-line prodrug isoniazid; in strains with 'all over' mutations"*  
10:30 – 10:45 Break  
10:45 – 11:15 **Tomohide Saio** (Hokkaido University, Japan)  
*"Exploring conformational states of a protein enzyme using paramagnetic lanthanide ions"*  
11:15 – 11:45 **Denis Rousseau** (Albert Einstein College of Medicine, USA)  
*"Crystal structures of cytochrome c oxidase derivatives and intermediates determined by serial femtosecond crystallography"*  
11:45 – 11:50 Concluding Remark: **John Dawson** (University of South Carolina, USA)

共催：物質科学フロンティアを開拓するAmbitiousリーダー育成プログラム、日本生化学会北海道支部  
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