ALCA international symposium on

Fitness via the gene and signaling networks in *Escherichia coli*

–Strategy to Relieve Environmental Stresses–

6 March
2020

General education room 2
Yoshida campus, Yamaguchi University
1677-1 Yoshida, Yamaguchi, 753-8511, Japan

Program

13:00	Opening Remarks
13:05	**Bacterial traits as a function of the environment, with a focus on environment-mutation interactions** **Thomas Ferenci** University of Sydney, Australia
13:50	**Collectively cytoplasmic peptidyl cis trans prolyl isomerases are essential for in vivo protein folding: molecular basis of their essential function** **Satish Raina** Gdansk University of Technology, Poland
14:35	Short break
14:45	**Towards understanding of *E. coli* cellular network system** **Hirotada Mori** Nara Institute of Science and Technology, Japan
15:30	**Adaptation of *E. coli* to changing environments via the PEP:sugar phosphotransferase system: Transposon-mediated directed mutation influencing gene expression and protein interaction-mediated allosteric regulation of cellular metabolism** **Milton H. Saier, Jr.** University of California at San Diego, USA
16:15	Coffee break
16:30	**Survival strategies of *E. coli* under environmental stresses: Impact of oxidative stress and capacity for thermotolerance** **Mamoru Yamada** Yamaguchi University, Japan
17:30	Closing Remarks
18:00	Networking mixer (@ FAVO)

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YU-RC Yamaguchi Univ. Research Center
TMR Thermotolerant Microbial Resources

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