

Fraunhofer-OIST Workshop Program

April 8, 2015 (Wednesday)@C209

10:00-10:10: Welcome Address

Dr. Robert Baughman

Executive Vice President

OIST Office for Sustainable Development of Okinawa

10:10-10:40: Introduction to OIST and Research

Dr. Takanari Ichikawa

OIST Business Development Section/Technology Licensing Section

Scientific Senior Manager

10:40-11:30: Introduction to Fraunhofer:

Cooperation on Pharmaceutical R&D between Industry, Universities, and Non-University Research Institutes – Importance of Effective Collaboration

Dr. Claus Kroggel

Head of Central Office, Fraunhofer Group for Life Sciences

11:30-12:30: Campus Tour

12:30-13:30: Working Lunch@C210

-Session 1-

13:30-14:15: Structural Cellular Biology Unit

Professor Ulf Skoglund

14:15-15:00: Targeting Bacterial Glutaminyl Cyclases in Periodontitis-Rational Approaches for the Generation of Selective, Locally Acting Antibiotics; Fighting Against Systemic Diseases

Dr. Mirko Buchholz

Head Unit Drug Design and Analytical Chemistry

Fraunhofer Institute for Cell Therapy and Immunology (IZI), Leipzig

Department of Drug Design and Target Validation (MWT), Halle

15:00-15:45: Trans-Membrane Trafficking Unit

Professor Fadel Samatey

15:45-16:30: Albumin as Scavenger for Toxic Metabolites - Potential Diagnostic and Therapeutic Applications

Prof. Steffen Mitzner

Head of Fraunhofer Project Group "Extracorporeal Immunomodulation"

Fraunhofer Institute for Cell Therapy and Immunology (IZI), Leipzig

17:30-19:30: Working Dinner@C210

Interdisciplinarity, Gender, Internationalization and Support of Scientists

Dr. Claus Kroggel

Prof. Hans-Ulrich Demuth

April 9 2015 (Thursday)@C209

-Session 2-

09:30-10:15: Alternative Beta-Secretase Processing as Novel Target for the Treatment of Alzheimer's Disease

Dr. Holger Cynis

Head of the Unit Molecular Biotechnology

Fraunhofer Institute for Cell Therapy and Immunology (IZI), Leipzig

Department of Drug Design and Target Validation (MWT), Halle

10:15-11:00: Brain Mechanism for Behaviour Unit

Professor Gordon Arbuthnott

11:00-11:45: Cellular and Molecular Synaptic Function Unit

Professor Tomoyuki Takahashi

11:45-12:30: Research Fighting Inflammatory and Neurodegenerative Disorders

Prof. Hans-Ulrich Demuth

Head of the Department of Drug Design and Target Validation (MWT), Halle

Fraunhofer-Institute of Cell Therapy and Immunology (IZI), Leipzig

12:30-13:15: Working Lunch@C210

-Session 3-

13:15-14:00: Innovations in Tissue Engineering

Prof. Katja Schenke-Layland

Head of the Department of Cell and Tissue Engineering

Group Leader, Cardiovascular Tissue Engineering

Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB, Stuttgart

14:00-15:00: Integrated Open Systems Unit

Dr. Yoshiyuki Asai and Dr. Kun-Yi Hsin

15:00-15:45: The Current Study Using Okinawan Natural Resources

Professor Shinya Ikemastu

16:00: Teatime

Discussions with OIST Faculty and Researchers

18:00-20:00: Dinner

April 10, 2015 (Friday)

9:00-10:00: Transfer

10:00-12:00: Visit to University of the Ryukyus

12:00-17:00: Site Visit