

Program

25 Day 1 November 25th (Monday)

[Venue: University Airlangga (UNAIR)]

- 10:00 Registration **Campus C**
- 10:20 Opening Remarks
Vice President Shinji Harada, Forum Chair, Kumamoto University (KU)
- 10:30 MOU Signing Ceremony between KU and UNAIR
President Isao Taniguchi (KU), and Rector H. Fasich, Apt (UNAIR)

11:20–12:10 Luncheon Time

Introduction of Researches and Education of Life Sciences in KU

- 13:00 Registration **Campus A Aula Hall, Faculty of Medicine (UNAIR)**
- Chair: Prof. Kazuya Yamagata, Vice Dean of Faculty of Life Sciences (KU)
- 13:30 Introduction of Faculty of Life Sciences, KU
Prof. Motohiro Takeya, Dean of Faculty of Life Sciences (KU)
- 13:50 Education in the Graduate School of Medical Sciences(GSMS)
Prof. Yasuharu Nishimura, Vice Dean of GSMS (KU)
- 14:10 Introduction of Graduate School of Pharmaceutical Sciences(GSPS)
Prof. Hirofumi Kai, Vice Dean of GSPS (KU)
- 14:30 School of Health Sciences and Graduate School of Health Sciences(GSHS)
Prof. Seiji Tomiguchi, Dean of GSHS (KU)
- 14:50 Program for Leading Graduate Schools 'HIGO (Health life science: Interdisciplinary and Glocal Oriented) Program'
Assoc. Prof. Akinori Hisatsune (KU), Operation manager of HIGO program

[Venue: Institut Teknologi Sepuluh Nopember (ITS)]

Special Lecture of Graduate School of Science and Technology (GSST), KU

- 14:30–16:00 **Campus of ITS**
- Sound-Physical and Psycho-Acoustical Aspect and Its Application
Prof. Tsuyoshi Usagawa, GSST (KU)
- Advanced Energy Production, Exchange and Transport Technologies for Global-Warming Suppression
Prof. Shuichi Torii, GSST (KU)
- Effects of Endocrine Disruptors on Dopaminergic Neurons in Zebrafish Larvae
Prof. Mitsuyo Kishida, GSST (KU)
- Paleomagnetism and Its Application to volcanology
Prof. Hidetoshi Shibuya, Vice Dean of GSST (KU)
- Application of X-ray CT in Geotechnical Engineering -Ground Behavior under Installation of Spiral Piles-
Prof. Jun Otani, Vice Dean of GSST (KU)
- Mechanical Characterization of Micro-Sized Materials for MEMS Devices
Prof. Kazuki Takashima, Dean of GSST (KU)

26 Day 2 November 26th (Tuesday)

[Venue: Grand Ballroom, Sheraton Surabaya Hotel & Towers]

- 8:30 Registration
- 9:00 Opening Remarks Vice President Shinji Harada, Forum Chair (KU)
Signing Ceremony of the Agreement on Double Degree Program for Master's Course between KU and ITS
Prof. Kazuki Takashima, Dean of GSST (KU), and Prof. Adi Soeprijanto, Director, Graduate Program (ITS)
Signing Ceremony of the Agreement on Academic/Student Exchange between KU and the Consortium of ITS
President Isao Taniguchi (KU), and Rector Tri Yogi Yuwono (ITS)
- 10:00 Break
- 10:10 Congratulatory Message Ir. Tri Rismaharini, MT, Mayor of Government city of Surabaya
Congratulatory Message Drs. Noboru Nomura, Consulate-General of Japan at Surabaya
- Keynote 1. Recent Activities of Kumamoto University in Research and Education as a Global Research University President Isao Taniguchi (KU)
Keynote 2. Strengthening Collaboration between ITS and Kumamoto University through Education and Research Rector Tri Yogi Yuwono (ITS)
Keynote 3. Institute of Tropical Disease, Universitas Airlangga, as a Center of Excellence in Health, Medicine and Molecular Biology:
To Build the Future of Indonesia Based on Comprehensive-Innovative Research Rector H. Fasich, Apt (UNAIR)
- 11:50 Closing Remarks Vice President Itaru Yamanaka (KU)

12:00–13:00 Poster Session (Luncheon Time)

Oral Session A

- 13:00 Opening Remarks
Prof. Motohiro Takeya, Dean of Faculty of Life Sciences (KU)
- Session-1 Chair: Prof. Hirofumi Kai
13:10 Quality Control for Drugs Derived from Herbs and Its Recent Method of Validation
Prof. Dr. Gunawan Indrayanto, Apt. (UNAIR)
- 13:30 Novel Antigen Design and Delivery for Mucosal Protection Against HIV-1 Infection
Prof. Shogo Misumi (KU)
- Session-2 Chair: Prof. Seiji Tomiguchi
13:50 The Inequity of Occupational Health Service Among Informal Sectors' Workers and The Related Factors in Surabaya City, East Java Province - Indonesia
Erwin Dyah Nawawinetu, dr., M.Kes (UNAIR)
- 14:10 Behavioral Management Program of Auditory Hallucinations with Schizophrenia in Japan: Implementation and Evaluation by Certified Nurse Specialist (CNS) in Psychiatric Nursing Prof. Shiori Usami (KU)
- 14:30 Break
- Session-3 Chair: Assoc. Prof. Akiko Ishihara
15:00 Faculty of Humanities, Universitas Airlangga: Creating for a New World of Harmony and Contributing for Humanity Antonius R. Pujio Purnomo, Ph.d Cand (UNAIR)
- 15:20 Transformation of Community and Local-Centered Thinking
Prof. Hironori Ito (KU)
- Session-4 Chair: Prof. Yasuharu Nishimura
15:40 Research on Diabetes Mellitus in Indonesia
Prof. Dr. Agung Pranoto, dr., M.Sc., Sp.PD., K-EMD, FINASIM (UNAIR)
- 16:00 The Molecular Mechanisms of Impaired Insulin Secretion in Diabetes Mellitus
Prof. Kazuya Yamagata (KU)
- 16:20 Researches on Malaria in Indonesia
Heny Arwati, Msc., Ph.D (UNAIR)
- 16:40 Development of Innovative Treatment Strategy towards Functional Cure of HIV-1 Infection Using Neutralizing Monoclonal Antibodies
Prof. Shuzo Matsushita (KU)
- 17:00 Closing Remarks
Prof. Yasuharu Nishimura, Vice Dean of GSMS (KU)

Oral Session B Chair: Prof. Shuichi Torii

- 13:00 Educational Programs and Research Activities at GSST
Prof. Kazuki Takashima, Dean of GSST (KU)
- 13:20 Invitation to Double Degree Program for Master's Course between ITS and KU
Prof. Mitsuyo Kishida, GSST (KU)
- 13:40 Admission Procedures Joint Degree Program ITS and KU
Dr. Ria Asih Aryani Soemitro
- 14:00 Collaborative Activities with ITS through JICA-PREDICT-ITS Phase 1 and 2
Prof. Tsuyoshi Usagawa, GSST (KU)
- 14:20 Break
- 14:35 Collaborative Studies on Advanced Materials
Prof. Darminto (ITS)
- 14:55 Research Activities at GSST
Prof. Jun Otani, Vice Dean of GSST (KU)
- 15:15 Studies on Radio Propagation Channel Modelling and Wireless Communication System Design
Prof. Gamantyo Hendratoro (ITS)
- 15:35 New Research Direction for the Future of Structural Concrete with Limited Resources and Environment Impact
Prof. Priyo Suprobo (ITS)
- 15:55 Research on Vessel Traffic Management System
Dr. Trika Pitana (ITS)
- 16:15 Research Activities at GSST in Science Field
Prof. Hidetoshi Shibuya, Vice Dean of GSST (KU)
- 16:35 Research on Computer-aided System for Identification of Osteoporosis using Dental Panoramic Radiographs
Dr. Agus Zainal Arifin (ITS)
- 16:55 Closing Remarks
Prof. Kazuki Takashima, Dean of GSST (KU)

17:30 Registration (Invitation only)

18:00 Banquet at Grand Ballroom (Invitation only)

The program may be subject to change

Abbreviations ITS: Institut Teknologi Sepuluh Nopember, UNAIR: Universitas Airlangga, KU: Kumamoto University