



PROGRAM

June 11th (the first day)

The 2nd Asia Japan-Korea-China Joint Symposium of Photodynamic Therapy

13:00~13:15 Introduction "Together Innovation of PDT in Asia"

GL-1 **In hope of getting over the present stage of clinical PDT**

Norio Miyoshi

Division of Tumor Pathology, National University of Fukui

13:15~14:45 Plenary Session (6 person/15min/person) ; Chair: Norio Miyoshi, Chan Sup Shim

IS-2 **Photodynamic Therapy and Photodynamic Diagnosis in Korea**

Woong Shick Ahn

Department of Obstetrics and Gynecology, The Catholic University of Korea

IS-3 **The effect of PDT on H. influenza biofilm in vitro and vivo**

Chung-Ku Rhee

Medical Laser Research Center

Department of Otolaryngology-HNS, Dankook University,

IS-4 **Organic Photodynamic Modulated Cell Therapy in Plastic ,Aesthetic Surgery & Dermatology**

Jin Wang Kim

BestWell Institute, Yonsei University College of Medicine

IS-5 **Nanotechnology for photodynamic detection and therapy of cancers**

Ji-Yao Chen

State Key Laboratory of Surface Physics and Department of Physics, Fudan University

IS-6 **Sonodynamic therapy with 5-aminolevulinic acid on a rat intracranial glioma**

Jong-Ki Kim

Departments of Biomedical Engineering

IS-7 **Real-time Clinical Singlet Oxygen Dosimetry for Photodynamic Therapy**

Seonkyung Lee

Physical Sciences Inc

14:45~15:00 Coffee Break

15:00~16:40 Symposium: Basic-I Session (10 persons/10min/person); Chair: Takato Yoshida, Ji-Yao Chen

AS-8 **Singlet Oxygen Detection in PDT**

Toru Hirano

Photon Medical Research Center, Hamamatsu University School of Medicine



- AS-9 **PDD-PDT spectrophotometric fluorescence monitoring systems using HeLa-tumors in nude mice and author's seborrheic keratosis**
Takato O. Yoshida
Photon Medical Research Center, Hamamatsu University School of Medicine
- AS-10 **Terahertz Spectroscopy and Imaging of Biological Samples**
Hiromichi Hoshina
RIKEN
- AS-11 **Enhancement of 5-Aminolevulinic acid-induced oxidative stress by gold nanoparticles**
Shinji Ito
Faculty of Medical Sciences, University of Fukui
- AS-12 **Development of production method and usage of 5-aminolevulinic acid (5-ALA)**
Tohru Tanaka
SBI ALApromo CO., LTD
- AS-13 **Possibility of carotenoids as a photosensitizer in photodynamic therapy**
Hiroshi Yoshii
Faculty of Medical Sciences, University of Fukui
- AS-14 **Determination of the optical properties of the tissues treated by photodynamic therapy using Inverse Monte Carlo method between 350 nm and 1000 nm**
Norihiro Honda
Medical Beam Physics Laboratory, Graduate School of Engineering, Osaka University
- AS-15 **Photodynamic effect of pheophorbide a on MRSA, Pseudomonas aeruginosa and viruses**
Masami Kobayashi
Institute of Materials Science, University of Tsukuba
- AS-16 **Gastric Cancer Specific Porphyrin Accumulation**
Hirofumi MATSUI
Division of Gastroenterology, Graduate School for Comprehensive Human Sciences
University of TSUKUBA
- AS-17 **The application of infrared microscope to medical field**
Kenichi Akao
IR & Raman Application laboratory JASCO Corporation

16:40~16:55	Coffee Break
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16:55~18:05	Symposium: Basic-II Session (7 persons/10min/person); Chair: Jong-Ki Kim, Hirofumi Matsui
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- AS-18 **Facile Synthesis and Characterization of Pyropheophorbide-a -Taxol Conjugate**
Pankaj Kumar Chaturvedi
Cancer Research Institute, The Catholic University of Korea
- AS-19 **Synthesis of chlorin-based fatty acid conjugate as photosensitizer for photodynamic therapy**
Gantumur Battogtokh
Cancer Research Institute, The Catholic University of Korea



- AS-20 **Enhance efficacy of photodynamic therapy in combination with selenium in TC-1 animal model**
Lan Ying Wen
The Catholic University of Korea
- AS-21 **Synthesis and characterization of chlorin based anticancer drug conjugate**
Sohail Ahmed Ansari
Cancer Research Institute, The Catholic University of Korea
- AS-22 **9-hydroxypheophorbide α -mediated Photodynamic Therapy derived Oxidative Stress initiates Elevation of intracellular Calcium Level and Apoptosis in AMC-HN-3 cells**
Jin-Chul Ahn
Medical Laser Research Center
Dept .of Otolaryngology-Head & Neck Surgery, Dankook University
- AS-23 **Photochemical approaches for drug delivery and combination therapy**
Woo-Dong Jang
Department of Chemistry, College of Science, Yonsei University
- AS-24 **Evaluation of Fluorescence Image and Excitation Light Source for PDD**
Hyun Soo Lim
Department of Biomedical Engineering, College of Medicine
Chungnam National University

18:05~18:10	Prof. Herwing Kostron: Introduction of 13 th IPA Meeting
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18:10~18:15	Commemorative Group Photograph
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18:20~20:20	Welcome Party with Poster Session (30+3 Posters)
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Special Poster Session by Young Researchers from Korea

- PS-1 **• Amplified Apoptotic and Anti-proliferation Efficacy of Photodynamic Therapy with Genistein**
Yoon-Joo Lee¹, Jang-In Shin^{1,2}, Peijie He^{1,2}, Jin-Chul Ahn^{1,2*}
Medical Laser Research Center, and Department of Otolaryngology-Head and Neck Surgery, College of Medicine, Dankook University
- PS-2 **• Enhanced Anticancer effect of the Radachlorine-mediated Photodynamic Therapy when combined with Propolis on AMC-HN-4 cell lines**
Yoon-Joo Lee, Jang-In Shin, Phil-Sang Chung, Chung-Ku Rhee, Jin-Chul Ahn
Medical Laser Research Center, Dankook University
- PS-3 **• Anticancer Effect of Emodin and Photodynamic Therapy combined in HN3 Cancer Cell Line**
So-Young Chang, Yu-Ri Ahn, Jang-In Shin, Jin-Chul Ahn
Medical Laser Research Center, and Department of Otolaryngology-Head and Neck Surgery, College of Medicine, Dankook University

20:30~21:30	Symposium: Clinical Session (7persons/10min/person) Chair: Sadao Kaneko WoongShick Ahn
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- AS-25 **A Case of Inoperable Biliary Papillomatosis Treated by Photodynamic Therapy**
Chan-Sup Shim
Digestive Disease Center, Konkuk University Medical Center
- AS-26 **Photodynamic Therapy in dermatology: beyond for non-melanoma skin cancers**
Sachiko Kosaka
Department of Dermatology, Nippon Medical School
- AS-27 **Topical ALA-PDT for the treatment of Japanese Bowen's disease**
Yoichi Akita
Department of Dermatology, Aichi Medical University School of Medicine
- AS-28 **Quantitative measurement of fluorescence and statistical analysis for malignant glioma using 5-ALA and talaporfin**
Takashi Maruyama
Department of Neurosurgery, Tokyo Women's Medical University
- AS-29 **Outcome of photodynamic therapy using NPe6 for bronchogenic carcinomas in central airways more than 1.0 cm in diameter**
Jitsuo Usuda
Department of Thoracic Surgery, Tokyo Medical University
- AS-30 **Photodynamic Medicine in Malignant Gliomas
— focus on PpIX accumulation in malignant glioma tissues —**
Sadao Kaneko
Dept. of Neurosurgery, Kashiwaba Neurosurgical Hospital