1. Basic Medicine

**Chairperson: Professor Fan Li, School of Basic Medical Sciences, KMU**

P-1 Pathogenic Role of Resistin in Rheumatoid Arthritis  
Author: Dr. Hiroshi Sato, Faculty of Medicine, TU

P-2 SATB1 deficiency in mice leads to Sjögren's syndrome-like autoimmune exocrinopathy  
Author: Assistant Professor Yuriko Tanaka, Faculty of Medicine, TU

P-3 Targeting FOXM1 in triple-negative breast cancer  
Author: Dr. Pasarat Khongkow, Faculty of Medicine, PSU

P-4 Down-Regulation of 14-3-3γ to suppress migration and invasion of lung adenocarcinoma cells by inhibiting epithelial-mesenchymal transition  
Author: Dr. Pritsana Raungrut, Faculty of Medicine, PSU

P-5 The role of WT1 isoforms in vasculogenic mimicry and metastatic potential of human triple-negative breast cancer  
Author: Assistant Professor Kanyanatt Kanokwiroon, Faculty of Medicine, PSU

**Chairperson: Associate Professor Teerapol Sríchana, Faculty of Pharmaceutical Sciences, PSU**

P-6 Low concentrations of Mupirocin Promote Methicillin-Resistant Staphylococcus aureus USA300 Clone's Biofilm Formation  
Author: Mr. Rutthapol Sritharadol, Faculty of Pharmaceutical Sciences, PSU

P-7 Biomimetic-like nanoparticles for sepsis management  
Author: Dr. Soracha Thamphiwatana, Faculty of Medicine, PSU

P-8 Extent of Bacterial Contamination of Electronic Warm Water Bidet Toilets in a University Hospital Setting  
Author: Professor Intetsu Kobayashi, Faculty of Nursing, TU

P-9 Electropharmacological effects of antibiotic azithromycin in microminipigs: Propose of new potential mechanisms for lethal arrhythmia leading to sudden death  
Author: Ms. Ai Goto, Graduate School of Medicine, TU

P-10 JNK signaling dynamics controls cytokine expressions  
Author: Mr. Kimitaka Yamaguchi, Graduate School of Medicine, TU

**Chairperson: Assistant Professor Hiroko Izumi-Nakaseko, Faculty of Medicine, TU**

P-11 Amitriptyline may have possibility to induce Brugada syndrome rather than long QT syndrome  
Author: Ms. Nur Jaharat Lubna, Graduate School of Medicine, TU

P-12 A novel drug candidate for atrial fibrillation: Cardiovascular effects of M201-A in canine models  
Author: Assistant Professor Mihoko Hagiwara-Nagasawa, Faculty of Medicine, TU

P-13 Effects of ethyl acetate fraction from Senna garrettiana heartwood on chronic inflammation in vivo  
Author: Associate Professor Wantana Reanmongkol, Faculty of Pharmaceutical Sciences, PSU

P-14 Pharmacological effects of Mongolian medicinal plant Adonis mongolica on cardiovascular system  
Author: Assistant Professor Hiroko Izumi-Nakaseko, Faculty of Medicine, TU
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<td>Effects of 3,5,2',4'-tetrahydroxychalcone on serum urate and purine metabolism enzymes Author: Professor. Ling Li, Biomedical Engineering Research Center, KMU</td>
<td>Author: Professor. Ling Li, Biomedical Engineering Research Center, KMU</td>
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<td>2. Clinical Medicine (Medicine)</td>
<td>Asian dust and pediatric emergency visits due to bronchial asthma and respiratory diseases in Nagasaki, Japan Author: Assistant Professor Takahiro Nakamura, Faculty of Medicine, TU</td>
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<td>2. Clinical Medicine (Medicine)</td>
<td>Hepatitis B Screening Rates and Reactivation in Solid Organ Malignancy Patients Undergoing Chemotherapy in Southern Thailand Author: Dr. Pimsiri Sripongpun, Faculty of Medicine, PSU</td>
<td>Author: Dr. Pimsiri Sripongpun, Faculty of Medicine, PSU</td>
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<td>2. Clinical Medicine (Medicine)</td>
<td>Characteristics of outpatients with medically unexplained symptoms at a University Hospital, considering age Author: Associate Professor Takeaki Takeuchi, Faculty of Medicine, TU</td>
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<td>3. Clinical Medicine (Surgery)</td>
<td>Interleukin-11 promotes epithelial-mesenchymal transition in anaplastic thyroid carcinoma cells through PI3K/Akt/GSK3β signaling pathway activation Author: Dr. Chuanzheng Sun, The Third Affiliated Hospital, KMU</td>
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<td>3. Clinical Medicine (Surgery)</td>
<td>Epstein-Barr Virus Infection and Epstein-Barr Virus Nuclear Antigen 1 Variants in the Synovial Tissue of Rheumatoid Arthritis Author: Dr. Shotaro Masuoka, Faculty of Medicine, TU</td>
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<td>3. Clinical Medicine (Surgery)</td>
<td>IL-1α, VDR and MMP-1 single nucleotide polymorphisms of chronic periodontitis in Wa population of Gengma Author: Professor Yanging Shui, The Third Affiliated Hospital, KMU</td>
<td>Author: Professor Yanging Shui, The Third Affiliated Hospital, KMU</td>
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<td>3. Clinical Medicine (Surgery)</td>
<td>Multimodal Team approach to Failed Back Surgery Syndrome with Spinal Cord Stimulation Author: Assistant Professor Ayano Oiwa, Faculty of Medicine, TU</td>
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<td>3. Clinical Medicine (Surgery)</td>
<td>Treated dentin matrix particles combined with dental follicle cell-sheet stimulated periodontal regeneration Author: Dr. Hefeng Yang, The Affiliated Hospital of Stomatology, KMU</td>
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<td>3. Clinical Medicine (Surgery)</td>
<td>Maxillary reconstruction using rectus femoris muscle flap and sagittal mandibular ramus/coronoid process pedicled with temporalis muscle Author: Professor Biao Xu, The Affiliated Hospital of Stomatology, KMU</td>
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4. Pharmaceutical Sciences

**Chairperson: Professor Jasadee Kaewsrichan, Faculty of Pharmaceutical Sciences, PSU**

P-26  Alteration in plasma and striatal levels of D-serine after D-serine administration with or without nicergoline: an in vivo microdialysis study  
Author: Assistant Professor Mayu Onozato, Faculty of Pharmaceutical Sciences, TU

P-27  Analyses of endogenous metabolites in serum from at-risk mental state subjects  
Author: Ms. Ayako Shoji, Graduate School of Pharmaceutical Sciences, TU

P-28  Quick and easy preparation method for Kampo formula decoctions (part 4): IPCD method for rhubarb and aconite root  
Author: Dr. Koki Chiba, Faculty of Medicine, TU

P-29  Application of AMSAT to Kampo examination: Prescription decision of Yokukansan and Kousosan  
Author: Mr. Kazuya Nagata, Graduate School of Pharmaceutical Sciences, TU

P-30  Identification of caffeoylquinic acid derivatives as protein tyrosine phosphatase 1B inhibitors from Artemisia princeps  
Author: Assistant Professor Tatsunori Sasaki, Faculty of Pharmaceutical Sciences, TU

5. Science and Education

**Chairperson: Associate Professor Atsuko Saito, Faculty of Science, TU**

P-31  Simultaneous Quantification of Surfactants in Environmental Samples by LC-MS  
Author: Mr. Michel Grimbergen, Graduate School of Science, TU

P-32  Concentration of PAHs in the Excrement of Annelids  
Author: Mr. Makoto Fuse, Graduate School of Science, TU

P-33  Biodegradation of PAHs by Microorganisms Isolated from the Excrement of Marphysa sanguinea  
Author: Mr. Yoshito Tsuchiyama, Graduate School of Science, TU

P-34  Taste masked technique of Andrographis paniculata extract for lozenges formulation  
Author: Dr. Athip Sakunphueak, Faculty of Pharmaceutical Sciences, PSU

**Chairperson: Dean Puttisak Puttawibul, Faculty of Medicine, PSU**

P-35  Needs Survey of Faculty Members at Educational and Research Institutions on Child-Raising and Elderly Care.  
Author: Associate Professor Sachiko Hirota, Department of Education and Research Development, TU

P-36  Supporting Activities for Woman Researchers in Toho University  
Author: Professor Yukiko Katagiri, Faculty of Medicine, TU

P-37  The Contribution of International Students Education to the Internationalization of Medical Education—Taking Kunming Medical University as Example  
Author: Ms. Haiyun Guo, Director, Division of International Exchange & Cooperation, KMU