第6回名古屋·南京·瀋陽

薬学学術シンポジウム

The 6th Nagoya /Nanjing /Shenyang Symposium of Pharmaceutical Sciences (2009 Nagoya)

日 時 2009年9月14日(月)~15日(火) 会 場 名城大学薬学部

主催 名城大学薬学部,日本薬学会東海支部 共催 中国薬科大学,瀋陽薬科大学, 名城大学学術フロンティア推進事業

名城大学アジア研究所 後援 名古屋市,南京市,瀋陽市

協 賛 日本薬学会,日本薬理学会,日本医療薬学会,日本薬剤学会,日本生薬学会,粉体工学会・製剤と粒子設計部会・標準処方研究会

組織委員長 岡田邦輔

事 務 局 名城大学薬学部 担当 秋田谷 龍男 〒468-8503 名古屋市天白区八事山 150 電話 052-839-2729 akitaya@ccmfs.meijo-u.ac.jp



SCHEDULE

Monday, September 14

Public Lecture

Room: Life Science Hall (7F) 10:30~11:30

Yoshirou Hayashi President, Honzoukaku Pharmacy

Opening Ceremony

Room: Life Science Hall (7F) 13:00~13:30

1 Kunisuke Okada, Ph.D. Dean, Faculty of Pharmacy, Meijo University

2 Guiyou Liu, Ph.D. General Secretary of the University Committee,

China Pharmaceutical University

3 Kaishun Bi, Ph.D. Vice President, Shenyang Pharmaceutical University

Plenary Lectures

Room: Life Science Hall (7F) 13:30~15:00

1 Nakao Kojima Faculty of Pharmacy, Meijo University

2 Hequan Yao China Pharmaceutical University

3 Song You Shenyang Pharmaceutical University

Poster Presentations

Room: Dining Herb (2F) 15:15~17:15 P-1 ~ P-32

Mixer

Room: Dining Herb (2F) 17:30~19:30

Tuesday, September 15

Oral Presentations

Room: Life Science Hall (7F) 9:00 \sim 17:20 Session 1 (O-1 \sim O-14)

Room: Room #401 (4F) 9:00~17:30 Session 2 (O-15 ~ O-29)

Closing Ceremony

Room: Life Science Hall (7F) 17:30~17:45

Kunisuke Okada Ph.D. Dean, Faculty of Pharmacy, Meijo University

Closing Banquet

Kani Honke in Yagoto 18:00~

PROGRAM

Plenary Presentations

Monday, September 14

Room: Life Science Hall (7F) 13:30~15:00

Plenary 1 13:30~14:00

Molecular mechanisms of metal-mediated genotoxicity: regulation of DNA/RNA damages induced by redox reactions and rearrangement of coordination geometry in metal/chemical system

Nakao Kojima

Faculty of Pharmacy, Meijo University

Plenary 2 14:00~14:30

Detection of β -lactamase activity in vitro and in vivo

Hequan Yao^{1,2}, Haifeng Gan¹, Bengang Xing², Minkyung So², Jianghong Rao²

- ¹ China Pharmaceutical University
- ² Stanford University School of Medicine

Plenary 3 14:30~15:00

Stereoselective hydrogenation of C=C bond within sesquiterpene lactones by *Aspergillus versicolor* D-1

Song You, Dan Wang, Li Yang, Hong Guan

Shenyang Pharmaceutical University

Oral Presentations

Session 1

Monday, September 15

Room: Life Science Hall (7F) 9:00~17:20

Session 1-1 9:00~10:00

O-1 Possible penetration of sodium hypochlorite, a disinfectant, through flesh lump and its iodide transport inhibition by destruction of the thyroid follicular structure

<u>Ikuko Takahashi</u>¹, Ayumi Sugiura¹, Tsunemasa Nonogaki², Hideyuki Furukawa¹, Mikio Nishida¹

¹Faculty of Pharmacy, Meijo University, ²Department of Pharmacy, Kinjo Gakuin University

O-2 β1 Integrin mediated effects of tenascin-R domains EGFL and FN6-8 on neural stem/progenitor cell proliferation and differentiation in vitro

<u>Hong Liao</u>, Wenhui Huang, Melitta Schachner, Yue Guan, Jingjing Guo, Jun Yan, Jing Qin, Xianshu Bai, Luyong Zhang

China Pharmaceutical University

O-3 Hypoglycemic properties of GLP-1 analogues with α -helix-promoting substituents at the site of Gly₂₂

<u>Huibin Zhang</u>, Shuaijian Ni, Wenlong Huang, Jinpei Zhou, Hai Qian and Yushi Chi

China Pharmaceutical University

- · - · - · - · - · - · Coffee Break 10:00-10:30 - · - · - · - · - · - · - · - ·

Session 1-2 10:30~11:30

- O-4 Site specific modification of urate oxidase containing unnatural amino acid Hong Tian, Xiangdong Gao
 China Pharmaceutical University
- O-5 Identification of an alkalophilic strain and activities of its exopolysaccharide

 <u>Chen Xiang-dong</u>

 China Pharmaceutical University
- O-6 Study on a high yield expression system and the application to produce bioactive peptides hPTH'

Rongyue Cao¹, Jiao Feng¹, Yanhua Liu², Tanming Li¹, Hao Fan², Jingjing Liu¹ China Pharmaceutical University, ²Shanghai Yijiu Biomedical Cooperation Ltd.

----- Lunch in "Jurian" 11:30-13:30 -----

Session 1-3 13:30~14:30

- O-7 Berberine promotes glucagon-like peptide-1 release both in vivo and in vitro Yunli Yu, Li Liu, Xiaodong Liu*, Lin Xie, Guangji Wang China Pharmaceutical University
- O-8 Modulation of formyl peptide receptor function by oligomer procyanidins isolated from grape seeds

<u>Jing Yu Yang</u>¹, Feng Jiao Zhang¹, Yan Hua Mou¹, Bao Shan Sun², Ji Ming Wang³, Fang Wang¹, Chun Fu Wu¹

¹Department of Pharmacology, Shenyang Pharmaceutical University,
²Estação Vitivinícola Nacional, Instituto National de Investigação Agrária,
³Laboratory of Molecular Immunoregulation, Cancer and Inflammation Program, National Cancer Institute at Frederic

O-9 Resveratrol blocks cross-talk between macrophages and adipocytes and modulates inflammation-related adipokines expression

Fang Huang

China Pharmaceutical University

------ Coffee Break 14:30-15:00 -----

Session 1-4 15:00~16:00

O-10 Prenatal exposure to phencyclidine produces abnormal behavior and NMDA receptor function in the postpubertal mice

<u>Lingling Lu</u>^{1,2,3}, Takayoshi Mamiya^{1,3}, Ping Lu^{1,2,3}, Kazuya Toriumi^{1,3}, Akihiro Mouri¹, Masayuki Hiramatsu^{1,3}, Li-Bo Zou², Toshitaka Nabeshima^{1,3}

¹Department of Chemical Pharmacology, Faculty of Pharmacy, Meijo University, ²Department of Pharmacology, Shenyang Pharmaceutical University, ³The Academic Frontier Project for Private Universities, Comparative Cognitive Science Institutes, Meijo University Graduate School of Pharmaceutical Sciences

O-11 NMDA receptor co-agonist D-serine ameliorates polyI:C-induced emotional and cognitive impairment in mice

<u>Jinghua Yu</u>^{1,2,3}, Taku Nagai¹, Daisuke Ibi¹, Yuko Kitahara¹, Atsumi Nitta¹, Toshitaka Nabeshima^{2,3}, Kiyofumi Yamada¹

¹Department of Neuropsychopharmacology and Hospital Pharmacy, Nagoya University Graduate School of Medicine, ²Department of Chemical Pharmacology, ³The Academic Frontier Project for Private Universities,

Comparative Cognitive Science Institutes, Meijo University Graduate School of Pharmaceutical Sciences

O-12 Dipeptide Leu-Ile inhibits immobility induced by repeated forced swimming via induction of BDNF

<u>Yoko F. Hibi</u>¹, Atsumi Nitta¹, Takeshi Ikeda², Koji Morishita², Toshitaka Nabeshima³ and Kiyofumi Yamada¹

¹Nagoya University, ²Kyowa Hakko Bio Co., ³Meijo University

----- Coffee Break 16:00-16:30 -----

Session 1-5 16:30~17:20

- O-13 Studies on a novel gastric-resident osmotic pump system

 <u>Guan Jin</u>, Cui Yuni, Zhou Liying, Pan Weisan

 Shenyang Pharmaceutical University
- O-14 Silibinin protects the cells via apoptotic and autophagic pathways

 Takashi Ikejima¹, Ping Lu², Qiong Wang¹, Yuanyuan Jiang¹ and Toshitaka

 Nabeshima²

 Shenyang Pharmaceutical University, ² Faculty of Pharmacy, Meijo

 University

Oral Presentations Session 2

Monday, September 15

Room: Room #401 (4F) 9:00~17:30

Session 2-1 9:00~10:00

O-15 Enhanced anti-tumor potential of the raloxifene prodrug, SS8885 (raloxifene diphosphate)

<u>Yoshinori Okamoto</u>, ^{1,2} Xiaoping Liu², Naomi Suzuki², Kanako Okamoto², Y. R. Santosh Laxmi², Shinya Shibutani²

¹Faculty of Pharmacy, Meijo University, ²State University of New York at Stony Brook

- O-16 Design of SK-F12 analogues via bioisosterism and their syntheses Yong-Nan Xu, Xin-Chun Li, Zhen Liu, Shu-Sen Xu, Hui Zhanf Shenyang Pharmaceutical University
- O-17 Identification of ligand features essential for HDACs inhibitors by pharmacophore modeling

<u>Ya-dong Chen</u>, Yong-Jun Jiang, Jian-Wei Zhou, Qing-Sen Yu, Qi-Dong You China Pharmaceutical University

------ Coffee Break 10:00-10:30 -----

Session 2-2 10:30~11:30

O-18 Anti-snake venom active compound from Argusia agentea

<u>Hnin Thanda Aung</u>¹, Yoshiaki Takaya¹, Toshiaki Nikai¹, Yumiko Komori¹, Tsunemasa Nonogaki², Masatake Niwa¹

¹Faculty of Pharmacy, Meijo University, ² Department of Pharmacy, Kinjo University

O-19 Phragmalin type limonoids with unprecedented skeletons from *Chukrasia tabularis* var. *velutina*

<u>Jun Luo</u>, Ling-Yi Kong* China Pharmaceutical University

O-20 Symbiotic microbes from mangrove forest: the sources of natural active products Boping Ye, Zhiwei Wang, Shaohua Zhang, Xingwei Zhu, Bing Liu, Tingting Xu, Yangyang Jia

China Pharmaceutical University

Session 2-3 13:30~14:30

O-21 Structural elucidation of ferulic acid combined with phosphatidylcholine Haoru Zhao

China Pharmaceutical University

O-22 Oligoresveratrol derivative compounds from stem bark of *Shorea seminis* (Dipterocarpaceae) and their bioactivity

Nanik Siti Aminah¹, Sjamsul Arifin Achmad², Masatake Niwa³, Yana Maolana Syah², Euis Holisotan Hakim², Kenji Terashima³

¹Department. of Chemistry, Airlangga University, ²Department. of Chemistry, Bandung Institute of Technology, ³Faculty of Pharmacy, Meijo University

O-23 VCD determined absolute configuration and structure of (+)-alternamin, a new coumarin from *Murraya alternans* having antidote activity against snake venom Hla Myoe Min¹, Mya Aye¹, Tohru Taniguchi², Nobuaki Miura², Kenji Monde², Kazuhiko Ohzawa³, Toshiaki Nikai³, Masatake Niwa³ and <u>Yoshiaki Takaya</u>^{1,3}

¹Department of Chemistry, University of Mandalay, ²Graduate School of Advanced Life Science, Frontier Research Center for Post-Genome Science and Technology, Hokkaido University, ³Faculty of Pharmacy, Meijo University

----- Coffee Break 14:30-15:00 -----

Session 2-4 15:00~16:00

O-24 The information and research practice for increasing the quality and yields of Chinese medicinal materials

Shanlin Gao

China Pharmaceutical University

O-25 Application of imaging techniques to visible large-scale screening system for optimized gene vectors

<u>Tomoyuki Okuda</u>, Hirokazu Okamoto Faculty of Pharmacy, Meijo University

O-26 Aqueous synthesis of PbS quantum dots for noninvasive near-infrared fluorescence imaging in a mouse model

Dawei Deng, Yueqing Gu

China Pharmaceutical University

Session 2-5 16:30~17:30

- O-27 Terahertz spectrum on D-glucosamine acids and Schiff bases KaiJun Xu, BiaoBin Jin, JianPing Zhou, Lai Niu, Rong Fu, Chen Li China Pharmaceutical University
- O-28 Preparation and evaluation of low molecular weight chitosan coated liposome as a potential ocular drug delivery carrier

<u>Li Ning</u>, Zhuang Chun-yang, Wang Mi, Pan Wei-san Department of Pharmaceutics, Shenyang Pharmaceutical University

O-29 Preparation of lorazepam-loaded microemulsions for intranasal delivery and its pharmacokinetics

<u>Jing Yao</u>, Lin Hou, Jian Ping Zhou, Zi Qiang Zhang, Li Sun China Pharmaceutical University

Poster Presentations

Monday, September 14

Room: Dining Herb (2F) 15:15~17:15

P-1 Study on color change of lactulose observed at our community pharmacy.

<u>Akitaka Murata</u>¹, Tomoko Yoshida², Takayuki Inayoshi³, Mikio Nishida²

¹Zip Drug Co. Ltd, ²Faculty of Pharmacy, Meijo University, ³Mie-chuo Medical Center

P-2 Optimization of nozzle design for preparing inhalable dry powder by supercritical fluid process

<u>Daiki Hira</u>¹, Ying Peng², Tomoyuki Okuda¹, Hirokazu Okamoto¹

¹Faculty of Pharmacy, Meijo University, ²Shenyang Pharmaceutical University

P-3 Stability of siRNA in lung and evaluation of in vivo gene silencing by dry siRNA powder inhalation

<u>Shingo Hosoe</u>, Michiko Fukushima, Yasuhisa Kawaguchi, Rina Suzuki, Tomoyuki Okuda, Hirokazu Okamoto Faculty of Pharmacy, Meijo University

P-4 Challenge to some ring-transformations of quinolines to 5- and 7- membered heterocycles

Michiharu Sugiura, Koosuke Asai, Teruo Sawano, Takuya Miyagawa, Tomihiro Ogasawara, Yuusuke Sato, Daisuke Kitou, Isamu Maeba and Osamu Hara

Faculty of Pharmacy, Meijo University

- P-5 Effect of *Ficus pseudopalma* leaf extract on oral glucose tolerance test

 Reginald B. Salonga, Yoshiaki Takaya, Masatake Niwa

 Faculty of Pharmacy, Meijo University
- P-6 e-Viniferin synthase in vitaceaeous plant Yoshiaki Takaya, <u>Takako Murase</u>, Masatake Niwa Faculty of Pharmacy, Meijo University
- P-7 Synthsis of febrifugine analogues possessing high antimalarial activity Yoshiaki Takaya, <u>Yuki Kawachi</u>, Masatake Niwa Faculty of Pharmacy, Meijo University
- P-8 Convergent strategy for *trans*-fused polycyclic ethers using oxiranyl anion coupling

<u>Ai Sugimoto</u>, Mori Yuji Faculty of Pharmacy, Meijo University

P-9 Total synthesis of gambierol

Yuki, Hasegawa¹, Hiroki Furuta², <u>Yuji Mori</u>¹

¹ Faculty of Pharmacy, Meijo University, ² Junsei Chemical Co. Ltd.

- P-10 Development of fluorous thiazoium salts for the intramolecular stetter reaction Rika Kin, Atsuko Kume, Isamu Maeba, Michiharu Sugiura, Osamu Hara Faculty of Pharmacy, Meijo University
- P-11 HPLC determination of the cholesterol in 8 kinds of Chinese traditional medicines from *Cervus nippon* Temminck

Wang Fang, Zhao Yu-qing

Shenyang Pharmaceutical University

P-12 Cu(II)/Catechol-mediated oxidative DNA damage disrupting gene expression and its regulation

Motozumi Ando, Tsuyoshi Nakai, Yoshihiko Nishino, Yoshinori Okamoto,

Koji Ueda, Nakao Kojima

Faculty of Pharmacy, Meijo University

P-13 Reactive oxygen species-production by anti-carcinogenic platinum(IV) compound under the reduction conditions

<u>Tsuyoshi Nakai</u>, Motozumi Ando, Yoshihiko Nishino, Koji Ueda, Yoshinori Okamoto, and Nakao Kojima

Faculty of Pharmacy, Meijo University

P-14 Inhibition of gene expression through Oxidative damage in nucleic acid by iron/catecholamine and its regulation

Yoshihiko Nishino, Motozumi Ando, Tsuyoshi Nakai, Yoshinori Okamoto,

Koji Ueda, Nakao Kojima

Faculty of Pharmacy, Meijo University

P-15 Cyclophilin D plays an important role in neurotransmission and learning and memory

<u>Akihiro Mouri</u>¹, Yukihiro Noda^{1,2}, Shigeomi Shimizu^{3,4}, Yoshihide Tsujimoto³, Toshitaka Nabeshima^{1,2}

¹ Faculty of Pharmacy, Meijo University, ²The Academic Frontier Project for Private Universities, Comparative Science Institute, Meijo University ³Osaka University Medical School, ⁴Medical Research Institute, Tokyo Medical and

P-16 Prenatal NMDA receptor antagonism impaired glutamatergic neurogenesis, leading to long-lasting behavioral deficits

<u>Kazuya Toriumi</u>^{1,2}, Akihiro Mouri¹, Shiho Narusawa¹, Yuki Aoyama¹, Natsumi Ikawa¹, Lingling Lu^{1,2}, Taku Nagai³, Toshitaka Nabeshima^{1,2,3}

¹Faculty of Pharmacy, Meijo University, ²The Academic Frontier Project for Private Universities, Comparative Cognitive Science Institutes, Meijo University ³Nagoya University Graduate School of Medicine

- P-17 Effects of xanthoceraside on learning and memory impairment in mice induced by cerebral ischemia-reperfusion and on glutamate injury of PC12 cells in vitro Li-Bo Zou, Li-Hua Wang², Xiao-Chun Li¹, Tian-Yan Chi¹, Xue-Fei Ji¹ Shenyang Pharmaceutical University, ²Institute of Applied Ecology, Chinese Academy of Sciences
- P-18 Disturbance of Disrupted-In-Schizophrenia-1 in the developing cortex generates endophenotypes underling psychiatric disorders

<u>Minae Niwa</u>^{1,2}, Atsushi Kamiya³, Rina Murai¹, Ken-ichiro Kubo⁴, Lingling Lu^{1,5}, Norio Ozaki², Kazunori Nakajima⁴, Yukihiro Noda¹, Akira Sawa³, Toshitaka Nabeshima^{1,5}

¹Faculty of Pharmacy, Meijo University, ²Nagoya University Graduate School of Medicine, ³Johns Hopkins University School of Medicine, ⁴Keio University Graduate School of Medicine, ⁵The Academic Frontier Project for Private University, Comparative Cognitive Science Institutes, Meijo University

- P-19 Prenatal psychological stress produces anxiety-like behavior in offspring

 Ping Lu^{1,2,3}, Takayoshi Mamiya^{2,3}, LinLin Lu^{1,2,3}, Akihiro Mouri ², LiBo Zou¹,

 Takashi Ikejima¹, Toshitaka Nabeshima^{2,3}

 Shenyang Pharmaceutical University, ²Faculty of Pharmacy, Meijo University,

 The Academic Frontier Project for Private University, Comparative Cognitive Science Institutes, Meijo University
- P-20 Effect of galantamine on methamphetamine-seeking behavior in mice induced by drug-associated environmental stimuli

<u>Takenao Koseki</u>^{1,2}, Akihiro Mouri¹, Takayoshi Mamiya^{1,2}, Tositaka Nabeshima^{1,2}

¹Faculty of Pharmacy, Meijo University, ²The Academic Frontier Project for Private Universities, Comparative Cognitive Science Institutes, Meijo University

P-21 Shati-over-expressed mice shows similar symptoms to the autism Wenting Liu¹, Atsumi Nitta¹, Yoko F, Hibi¹, Toshitaka Nabeshima² and Kiyofumi Yamada¹

¹Nagoya University, ² Faculty of Pharmacy, Meijo University

P-22 The histone modification is involved in attenuating effect of antipsychotics on the PCP-induced behavioral impairments

Yuki Aoyama¹, Akihiro Mouri¹, Kazuya Toriumi^{1,2}, Takenao Koseki^{1,2},

Shiho Narusawa¹, Natsumi Ikawa¹, Takayoshi Mamiya^{1,2}, and Toshitaka Nabeshima^{1,2}

¹Faculty of Pharmacy, Meijo University, ²The Academic Frontier Project for Private Universities, Comparative Cognitive Science Institutes, Meijo University

P-23 The involvement of glutamatergic neurotransmission in the isolated dominant-negative Disrupted-in-Schizophrenia-1 transgenic mice

<u>Yurie Matsumoto</u>¹, Minae Niwa^{1,3}, Hanna Jaaro-Peled⁴, Akira Sawa⁴, Toshitaka Nabeshima^{1,2}

¹Faculty of Pharmacy, Meijo University, ²The Academic Frontier Project for Private Universities, Comparative Cognitive Science Institutes, Meijo University, ³ Nagoya University Graduate School of Medicine, ⁴Johns Hopkins University School of Medicine

P-24 Efficacy of atomoxetine and methylphenidate on phencyclidine-induced behavioral changes in mice

Shiho Narusawa¹, Akihiro Mouri¹, Kazuya Toriumi^{1,2}, Takenao Koseki^{1,2}, Yuki Aoyama¹, Natsumi Ikawa¹, Takayoshi Mamiya^{1,2}, Tositaka Nabeshima^{1,2}

¹Faculty of Pharmacy, Meijo University, ²The Academic Frontier Project for Private Universities, Comparative Cognitive Science Institutes, Meijo University

P-25 Association study between *Nur77* gene (NR4A1) and schizophrenia in the Japanese population

<u>Azusa Kato</u>¹, Masakazu Hatano¹, Yoko Kinoshita², Masashi Ikeda^{2,3}, Hiroyuki Kamei¹, Nakao Iwata²

¹ Faculty of Pharmacy, Meijo University, ²Fujita Health University School of Medicine, ³School of Medicine, Cardiff University

P-26 Gene expression and splicing variant analysis in schizophrenia

<u>Shinnosuke Yamada</u>¹, Yoshihito Ito², Branko Aleksic², Akira Yoshimi^{1,2}, Taku Nagai², Yukihiro Noda¹, Kinji Ohno², Norio Ozaki²

¹ Faculty of Pharmacy, Meijo University, ²Nagoya University Graduate School of Medicine

P-27 Elastase and elastase inhibitor isolated from *A. fumigatus*: Pathogenicity of elastase and potential use of elastase inhibitor for therapy

<u>Toshiaki Nikai</u>¹, Yoshiyuki Okumura^{1,2}, Takeshi Matsui¹, Kei-ichi Uchiya¹, Yumiko Komori¹, Yoichi Hasegawa¹, Tsunemasa Nonogaki³, Kenji Ogawa⁴

¹ Faculty of Pharmacy, Meijo University, ²Matsuurayakugyo Co., Ltd., ³Department of Pharmacy, Kinjo Gakuin University, ⁴Higashi Nagoya National Hospital

P-28 Comparison of the new thrombin-like enzyme from the venom of *Ovophis okinavensis* (himehabu) to various arginine ester hydrolases

<u>Hiroyasu Takahashi</u>, Yumiko Komori, Toshiaki Nikai Faculty of Pharmacy, Meijo University

P-29 Characterization of protein C activator from the venom of Agkistrodon bilineatus

<u>Itsumi Arakaki</u>¹, Yurika Ohkure¹, Tsunemasa Nonogaki², Toshiaki Nikai¹, Yumiko Komori¹

¹Faculty of Pharmacy, Meijo University ²Department of Pharmacy, Kinjo Gakuin University

P-30 Establishment of human glyoxalase I expression system in *Escherichia coli* and its purification

<u>Kiyomi Hikita</u>, Miyako Kato, Saeko Ito, Tomiyasu Murata, Norio Kaneda Faculty of Pharmacy, Meijo University

P-31 D-tagatose-induced translocation of glucokinase from nucleus to cytoplasm in rat hepatocytes

Noriko Umemura¹, Shigeaki Mori¹, Ichitomo Miwa¹, Hiroyuki Sato¹, Masaaki Tokuda², Koji Murao², Akira Nishiyama², and Yukiyasu Toyoda¹

¹Faculty of Pharmacy, Meijo University, ²Kagawa University

P-32 Nateglinide-induced translocation of glucokinase from nucleus to cytoplasm in rat hepatocytes

<u>Yuriko Futamura,</u> Kana Mizutani, Ichitomo Miwa, Kunitoshi Toda, and Yukiyasu Toyoda

Faculty of Pharmacy, Meijo University

P-33 Effects of artichoke leaf extract on acute gastric mucosal injury in rats

Kazuo Ishida¹, Ryoji Kojima², Makoto Tsuboi³, Yuka Tsuda³, Mikio Ito^{1,2}

Graduate School of Environmental and Human Science, Meijo University,

Faculty of Pharmacy, Meijo University, Ichimaru Pharcos Co., Ltd.

GENERAL INFORMATION

Registration Desk

The Registration Desk, located in the first floor of New Building No.1, will be opened

during the Symposium.

Symposium Secretariat

The Symposium Secretariat office is located in Room #611 on the sixth floor of New

Building No.1.

Lunch

Lunch for Chinese Participants will be available at the lunchtime on September 14th,

and September 15th in café "Jurian (樹里庵)" on the second floor of New Building

No.1.

Refreshments

Refreshments are available anytime during the Symposium in Café "Jurian" on the

second Floor, and Room #601 on the sixth floor of New Building No.1.

Mixer and Banquet

Mixer will be held in the dining room "Dining Herb" on the second floor of New

Building No.1 from 17:30 – 19:30 on September 14th, after the Poster Presentation.

Banquet will be held in "Yagoto Kanihonke" (crab restaurant) from 18:00 on September

15th.

Industrial Exhibition

The Industrial Exhibition of several companies will be held from 15:15 – 17:15, during

the Poster Presentation, in the dining room "Dining Herb" on the second floor of New

Building No.1 from 17:30 – 19:30 on September 14th.

Language

The official language of The 6th Nagoya/Nanjing/Shenyang Symposium of

Pharmaceutical Sciences is English.

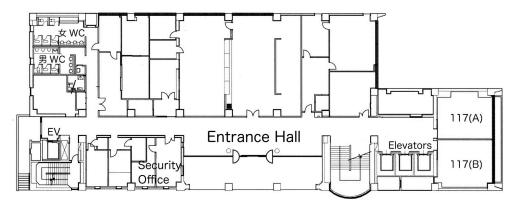
CAUTION: Smoking is strictly prohibited

inside all area of Yagoto campus of Meijo University

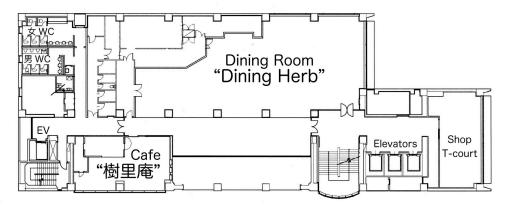
THE SYMPOSIUM SITES

New Building No.1, Faculty of Pharmacy, Meijo University

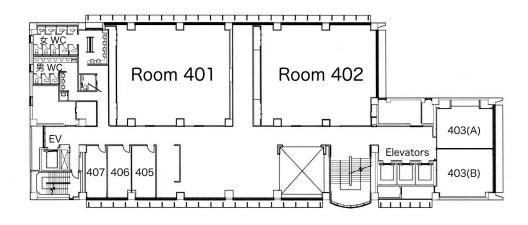
1st Floor



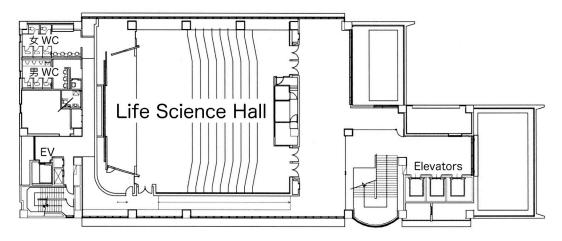
2nd Floor



4th Floor



7th Floor



AROUND THE BUILDING



ACCESS



Symposium Organizing Committee (members from hosting Meijo University)

Chair of Symposium

Professor Kunisuke Okada

Members

Professor Masatake Niwa Professor Toshitaka Nabeshima Professor Hirokazu Okamoto Professor Mitsuyoshi Okamoto

Dr. Tatsuo Akitaya
Dr. Hiroyuki Kamei
Dr. Fumiko Ohtsu

Mr. Shuichi Iwata (Admn) Mr. Kazushige Shirakawa (Admn)

Special Advisor

Professor Emeritus Hisakazu Sunada

Hosted by: Faculty of Pharmacy, Meijo University

Tokai branch, The Pharmaceutical Society of Japan

Co-organized by: China Pharmaceutical University

Shenyang Pharmaceutical University

Meijo University Academic Frontier Project

Meijo Asian Research Project

Supported by: City of Nagoya City of Nanjing City of Shenyang

The Pharmaceutical Society of Japan The Japan Pharmacological Society

Japanese Society of Pharmaceutical Health Care and Sciences The Academy of Pharmaceutical Science and Technology, Japan

The Japanese Society of Pharmacognosy The Society of Powder Technology, Japan