

Contents

Oral Presentations

1. **Actual Condition of Food Recycling by Food Retailing for Agrochemical Reduction
-Case Study in Aichi, Japan-**
Tomohiro Uchiyama, MU
2. **Antimicrobial Activities of Chilli Pepper Extract Against Chinese Kale Pathogens**
Kaewalin Kunasakdakul and Prapaipit Suwitchayanon, CMU
3. **Curing Technology of Plant Disease: Control and Protection against Host-selective Toxin**
*Kazuya Akimitsu, Satoshi Nishimura, Chikako Miyake, Yoko Miyamoto, Kouhei Ohtani,
Takeshi Fukumoto and Kenji Gomi, KU*
4. **Product Development from Plant Crude Extract to Control Insects and Plant
Diseases on Highland Areas**
Daruni Naphrom and Waewjan Pongjanta, CMU
5. **Development of entomopathogenic microbial in Thailand**
Patcharin Krutmuang, Malee Thungrabeab and Jariya Visitpanich, CMU
6. **AFLP marker analysis for intramuscular fat content in commercial pig breeds**
Supamit Mekchay, Nakarin Pripwai, Patcharin Krutmuang, CMU
7. **Candidate gene analysis for reproductive traits in Large White x Landrace pig breed**
Nakarin Pripwai, Wittapong Peawong, Patcharin Krutmuang, Supamit Mekchay, CMU
8. **Effects of a charcoal powder–wood vinegar compound solution in piglets for raw pigeon
pea seed meal**
K. Yamauchi and A. Mekbungwan, KU
9. **Image monitoring of olive trees in Shodoshima**
*Ryoei Ito, Yoshitaka Motonaga, Tokihiro Fukatsu, Takuji Kiura, Atsushi Hashimoto,
Seishi Ninomiya, Takaharu Kameoka and Tsuyoshi Nakamoto, MU*
10. **Systematic Investigation of Phosphorus Removal from Anaerobically Treated Swine
Waste Using Alum and Ferric Chloride**
Patiroop Pholchan, Panitcha Khammamong and Kanlayanee Jaima, CMU
11. **Study on Numerical Model of Cracking induced Alkali Silica Reaction**
Manabu Matsushima and Ryoussuke Miura, KU
12. **Probabilistic Service Life Analysis of Marine Reinforced Concrete Structures**
Chayanon Hansapinyo, Udom Thamniyom and Matsushima Manabu, CMU
13. **Optimal Placement of Multi-Type FACTS Devices for Total Transfer Capability
Enhancement Using Hybrid Evolutionary Algorithm**
Peerapol Jirapong, CMU
14. **Advanced Manufacturing Technologies for Dentures Production**
Uttapol Smutkupt, CMU

15. **SMA Actuators-based a Novel Active Catheter System for Ileus Treatment**
Shuxiang Guo, Yousuke Kita, Kunihiro Izuishi and Takashi Tamiya, KU
16. **Active Tracking of Particular Person Using Visual and Auditory Information**
Hideyuki Sawada, Atsushi Todo and Khairunizam Wan, KU
17. **Low temperature gasification of coffee bean residue using nickel loaded brown coal char**
Suparin Chaiklangmuang, Kayoko Morishita and Takayuki Takarada, CMU
18. **Isolation and identification of chemical constituents from bark of tropical trees and their biological activities**
Syamsul Falah, Toshisada Suzuki and Takeshi Katayama, KU
19. **Fermentation Increases Gamma-Aminobutyric Acid Contents in Red Rice**
Panatda Jannoey, Hataichanoke Niamsup, Saisamorn Lumyong, Takeshi Katayama, Toshisada Suzuki and Griangsak Chairote, CMU
20. **Characterization of rhizospheric soil actinomycetes isolated from some medicinal plants and their antifungal activities and IAA production**
Saisamorn Lumyong, Akira Yokota and Sutthinun Khamna, CMU
21. **The potential uses of prebiotic oligosaccharide derived from Thai local plant polysaccharides**
Chartchai Khanongnuch, Pairote Wongputtisin and Saisamorn Lumyong, CMU
22. **Determination of allitol by *Gluconobacter thailandicus* 3254 oxidation**
Verasak Sahachaisaree, Kenji Morimoto and Ken Izumori, CMU
23. **Alteration of Enzymatic Activities In Thai Fruits And Vegetable by Ultra-High Pressure**
Arunee Apichartsrangkoon, CMU
24. **Characterization of collagenolytic enzyme from psychrotrophic bacteria *Shewanella* sp.**
Yoshiyuki Matsumoto, Masahiro Ogawa and Shigeru Hayakawa, KU
25. **Anti-inflammatory and Analgesic Activities of the Saponin Mixture from *Tacca Chantrieri* Andre and Sesamin from *Sesamun indicum***
Puontip Kunanusorn, Ampai Panthong, Parirat Khonsung and Thitikarn Wongcome, CMU
26. **Anti-inflammatory and analgesic activities of GM-1, a xanthone from *Garcinia magistana* Linn.**
Ampai Panthong, Achara Chaikaeo and Pichet Wiriyajitra, CMU
27. **Effect of rare sugars on rat liver regeneration after 90% resection**
Mohammad Akram Hossain, Yasuyuki Suzuki and Masaaki Tokuda, KU
28. **Investigation and Intervention of Cartilage Degradation, and Cartilage Tissue Engineering**
Siriwan Ong-chai and Prachya Kongtawelert, CMU

- 29. Predictors of Cardioembolic Stroke Outcome in Japanese Stroke Patients: The Japan Standard Stroke Registry Study Group**
Naohisa Hosomi, Takayuki Naya, Hiroyuki Ohkita, Mao Mukai, Masakazu Kohno and Shotai Kobayashi, KU
- 30. Evaluation of the Dementia Caregiver Training Program**
Surat Tanprawwat., Siwaporn chankrachang, Worawan Tongsong, CMU
- 31. Community-based early intervention of dementia in Kagawa, Japan.**
Masahiko Takahashi and Yu Nakamura, KU
- 32. Virtual Private Picture Archiving and Communication System**
Hideto Yokoi and Kazuhiro Hara, KU
- 33. Eldercare Monitoring via Telemedicine System in Chiang Mai Province**
Suranan Noimanee, Siwaporn Chankrachang and Somkiat Wattanasirichaigoon, CMU
- 34. Vision Technology for Industrial Robot Applications and Nano Level Measurement**
Seiji Hata, KU
- 35. Japan's 300,000 International Student Plan**
Lrong Lim, KU
- 36. Citizenship and Education for Ethnic Minorities in Northern Thailand**
Chayan Vaddhanaphuti, CMU
- 37. Learning to become healthy farm laborers: Community-based learning processes among women farm workers in Lamphun, Thailand**
Nongyao Nawarat, CMU
- 38. Education Reforms and Decentralisation in Asian Countries**
Ai Shoraku, KU
- 39. Sentence headlines in presentations: A better approach for non-native speakers of English**
Peter Lutes, KU
- 40. The functions of the International Student Center of Kagawa University**
Toru Takamizu, KU
- 41. The variety of Japanese language and Japanese affairs classes in Kagawa University**
Mika Shioi, KU
- 42. Progress of Curriculum of Japanese Division, Chiang Mai University**
Walaiporn Kanjanakaroon and Benjang Jaisai, CMU
- 43. Students' Activities and Network of Japanese Division, Chiang Mai University**
Walaiporn Kanjanakaroon and Benjang Jaisai, CMU
- 44. Historical Change of Water Management in International Perspectives**
Satoshi Murayama, KU

45. **Reviews on climate variability and river water management over the Ganges, Brahmaputra and Meghna basin in northeastern Indian Subcontinent.**
Toru Terao, KU
46. **Understanding, Perception and Responses to Climate Change in a Village of Thailand**
Chaya Vaddhanaphuti, CMU
47. **Green Tourism in Japan**
Naoyuki Hara, KU
48. **Community Readiness for Participatory Ecotourism Management in a Royal Project Development Site, Northern Thailand**
Tanya Promburom Piyaphan Klunklin Suwipa Champawalaya, CMU
49. **A Research on Present-day Shikoku Henro Pilgrimage**
Michihiko Inada, CMU
50. **Shikoku pilgrimage and Osettai**
Akihiro Iwaki, KU
51. **Tour Repackaging for Thailand: The Case Study of 15 Provinces of Northern Region of Thailand**
Orapin Santidhirakul, Taksina Kunarucks and Apichart Chomphunut, CMU
52. **Tourism Management by Linking Tourism and Local Products in Lanna Provinces and Greater Mekong Sub-Region Countries (GMS)**
Chusri Taesiriphet et.al., CMU
53. **Tourist Anthropology in Japan: A Case Study on Nagasaki and Kotohira**
WANG Wei, KU
54. **Time Series Modelling of Tourism Demand from the USA, Japan and Malaysia to Thailand**
Songsak Sriboonchitta, Yaovarate Chaovanapoonphol, Aree Wiboonpongse, Michael McAleer and Christine Lim, CMU
55. **Modelling the Volatility in Monthly International Tourist Arrivals from Malaysia and Japan to Thailand**
Michael McAleer, Songsak Sriboonchitta and Yaovarate Chaovanapoonphol, CMU
56. **Monthly Seasonal Variations for East Asia Tourism to Thailand**
Songsak Sriboonchitta and Aree Wiboonpongse, CMU
57. **A Cointegration Analysis of Malaysian Inbound Travel to Thailand**
Songsak Sriboonchitta and Aree Wiboonpongse, CMU

Poster Presentations

1. **Economic Impact of EU Membership on Agriculture in Turkey**
Hiroshi Kameyama, Cakmak H. Erol, Yong Shou LU, KU
2. **Efficiency of Endophytic *Streptomyces* from Medicinal Plants Controlling *Brassica campestris* Damping-off**
Chatsuda Phuakjaiphaoe and Kaewalin Kunasakdakul, CMU
3. **Allelopathic Activity of Three Thai Medicinal Plants**
Pukclai Piyatida and Hisashi Kato-Noguchi, KU
4. **Study of Biosynthesis Genes Responsible for Host-selective ACT-toxin Produced by *Alternaria alternata* Tangerine Pathotype**
Miyamoto, Y., Masunaka, A., Ajiro, N., and Akimitsu, K., KU
5. **Cloning and characterization of gene encoding ACRSmRNA binding protein from ACR-toxin-insensitive cultivars of citrus**
Miyake, C., Nishimura, S., Ono, Y., Tatano, S., Ohtani, K., Fukumoto, T., Gomi, K. and Akimitsu, K., KU
6. **Screening of *Mesorhizobium loti* mutants for symbiotic phenotype in *Lotus japonicus***
Nanthipak Thapanapongworakul, Tan Van Dao, Kimihiko Toma, Shusei Sato, Yoshikazu Shimoda, Satoshi Tabata, Mika Nomura and Shigeyuki Tajima, KU
7. **A novel metallochaperone in the assembly of cytochrome c oxidase protein complex of soybean nodule bacteroids**
Hatthaya Arunothayanan, Tan Van Dao, Rie Hamaguchi, Ayaka Noda, Manabu Itakura, Kiwamu Minamisawa, Mika Nomura and Shigeyuki Tajima, KU
8. **Growth Performance and Histological Intestinal Alterations in Broiler Chickens Fed Dietary Chitosan**
Oraya Khambualai, Koh-en Yamauchi, Suchon Tangtaweewipat and Boonlom Cheva-Isarakul, KU
9. **Effects of Dietary Bamboo Charcoal Powder Including Vinegar Liquid on Growth Performance and Histological Intestinal Change in Aigamo Ducks**
Jassada Ruttanavut and Koh-en Yamauchi, KU
10. **Influence of Dietary Fermented Ginger by-product on Growth Performance and Histological Changes of Duodenal Villi of Broilers**
Tossaporn Incharoen and Koh-en Yamauchi, KU
11. **Saponin extraction efficiency from Jiaogulan (*Gynostemma pentaphyllum*) using microwave technology**
Nuttawee Sittikaipong, Arunee Apichartsrangkoon and Niramom Utama-ang, CMU
12. **Determination of Iodine Value of Vegetable Oils with Fourier Transform Near-Infrared Spectroscopy**
Kazuhiro Fukada and Yuh-taro Saeki, KU

13. **Effects of pH and Ionic Strength on the Mechanical Strength of β -Lactoglobulin Films Coating around Hexadecane Emulsion Droplets**
Nopparat Cheetangdee and Kazuhiro Fukada, KU
14. **Hydrogen gas production from sawdust by steam catalytic gasification: Part I Temperature effect on syngas yields**
Suparin Chaiklangmuang and Sirimirin Meesuk, CMU
15. **Chemical Constituents from Akar Kuning and their Biological Activities**
Toshisada Suzuki, Mami Maeda, Shota Fujii, Takeshi Katayama and Wasrin Syafii, KU
16. **Stereochemistry on the formation of syringylglycerol-8-O-4'-(sinapyl alcohol) ether from sinapyl alcohol with enzyme preparations of *Eucommia ulmoides***
Md. Shameul Alam, Takeshi Katayama and Toshisada Suzuki, KU
17. **Enzymatic synthesis of D-psicose fatty acid esters and their biological activities**
Mariko Ueda, Chie Kataoka and Yasuhiro Kawanami, KU
18. **Simple Preparation of Optically Pure alcohol Using Ionic liquid through Lipase Catalyzed Reaction**
Hiroaki Ishihara, Yumiko Takagi and Toshiyuki Itoh, KU
19. **Efficient Synthesis of Metal contained Ionic-liquid**
Yoriko Kusunoki and Yumiko Takagi, KU
20. **Diversity of Yeasts in Honey and Their Assimilation of Xylose**
Saisamorn Lumyong, Sujinan Saksinchai, Pairote Wongputtisin, Panuwan Chantawannakul, Christian von Wallbrunn, Goro Takata and Ken Izumori, CMU
21. **Ability of Endophytic Fungi from Rubber for Inhibition of *Phytophthora* sp.**
Ruethairat Khamsan and Sasitorn Wongroung, CMU
22. **Treatment of dairy wastewater by anaerobic digestion in hybrid reactor**
Pacharawan Hanjai, Dongporn Kunapornsujarit, Jureporn Kewsanmung and Pornpimol Ouichanpagdee, CMU
23. **Study on β -galactosidase production from lactic acid bacteria and their products**
Wattana Sriphannam, Kamrai Woranoot and Chartchai Khanongnuch, CMU
24. **Mannanase, Xylanase and Cellulase producing bacteria From agricultural wastes**
Apiradee Siangsuepchat, Verasak Sahachaisaree, Pipob Lumyong Ken Izumori Goro Takada and Saisamorn Lumyong, CMU
25. **Purification and characterization of a major laccase isozyme produced by *Grifola frondosa* (Maitake)**
Thitinard Nitheranont, Akira Watanabe and Yasuhiko Asada, KU
26. **Novel deoxy rare sugar production from L-fucose and D-fucose**
Akihide Yoshihara, Satoshi Haraguchi, Pushpakiran Gullapalli, Devendar Rao, Kenji Morimoto, Goro Takata, George W. J. Fleet and Ken Izumori, KU

27. **Production of L-rhamnulose from L-rhamnose via L-rhamnitol and L-tagatose from L-psicose via L-talitol**
Devendar Rao, Pushpakiran Gullapalli, Akihide Yoshihara, Sarah F. Jenkinson, Kenji Morimoto, Goro Takata, Kazuya Akimitsu, Shigeyuki Tajima, George W. J. Fleet and Ken Izumori, KU
28. **A sustainable approach to produce rare deoxy sugars from L-rhamnose by green biotechnology**
Pushpakiran Gullapalli, Devendar Rao, Akihide Yoshihara, , Kenji Morimoto, Goro Takata and Ken Izumori, KU
29. **Effects of Rice Bran and Guar Gum on Qualities of Breakfast Cereal Produced by Extrusion Process**
Srisuwan Naruenartwongsakul and Sirirat Phunchaisri, CMU
30. **ULTRA -HIGH PRESSURE AND PASTEURIZATION INACTIVATED ENZYMATIC ACTIVITIES OF LONGAN IN SYRUP**
Niras Kingwatee, Arunee Apichartsrangkoon, Rattana Chaimoon, CMU
31. **DYNAMIC VISCOELASTIC BEHAVIOR OF PRESSURISED LONGAN (*DIMOCARPUS LONGAN* LOUR.) JAM WITH VARIOUS GUM ADDITION**
Pittaya Chaikham and Arunee Apichartsrangkoon, CMU
32. **Enhancement of Antimicrobial Activity of Lactoperoxidase System by Carrot Extract**
M. Hayashi, S. Hayakawa, M. Ogawa, KU
33. **Combined effect of high hydrostatic pressure on the activity of natural antimicrobial proteins**
Yuta Kawano, Shigeru Hayakawa and Masahiro Ogawa, KU
34. **Fabrication and Evaluation of Array Waveguide Grating by Casting Method using Micro Die**
Kazushi Okada Fumikazu Oohira, Takaaki Suzuki, Yutaka Mihara and Kazufumi Ogawa, KU
35. **Design and Application of a Useful Remote Monitoring System**
Toshimitsu Sohara, Hirofumi Shimaoka, Yukio Hori and Yoshiro Imai, KU
36. **A new SPR sensing technique using a chip with a fabricated micro structure**
Kazunori SHIMIZU, Fumikazu OOHIRA, Nobumitsu MIYANISHI, Seiko SHIMAMOTO, Takaaki SUZUKI, KU
37. **An English Learning Support System Using Images which shows meaning of sentences**
Daisuke Kusaka, Yukio Hori and Yoshiro Imai, KU
38. **Vertical Comb-Drive MEMS Mirror with Sensing Function for Phase-Shift Device**
Kentaro Oda, Fumikazu Oohira, Ichiro Ishimaru and Takaaki Suzuki, KU
39. **Evaluation of Course Scheduling System using Spreading Activation Model**
Kazuma Takahashi, Yukio Hori and Yoshiro Imai, KU

40. **Electromagnetic actuation type polymer MEMS mirror fabricated by photolithographic process**
Tetsuro Nakano, Souichiro Kariya, Kiyonori Motoyama, Takaaki Suzuki, Fumikazu Oohira and Gen Hashiguchi, KU
41. **Visualization of Risk Management Documents and Design of Specific Server for Business Continuity Plan**
Kaoru Saito, Kaori Ishida, Hitoshi Inomo, Wataru Shiraki, Yukio Hori and Yoshiro Imai, KU
42. **Fabrication of Polymer-MEMS mirror using a photosensitive polyimide for low cost methods**
S.Kariya, F.Oohira, T.Nakano, G.Hashiguchi and K.Motoyama,, KU
43. **Synthesis of TiO_{2-x} with Oxygen Vacancy and Its Photocatalytic Activity**
Sitao Yang, Weiping Tang, Yoshie Ishikawa and Qi Feng, KU
44. **Fabrication of a micro elliptical lens for a beam shape form of a Laser Diode**
Yuji Imazato, Kazushi Okada, Kenji Oosuka, Fumikazu Oohira, Takaaki Suzuki and Kazuhumi Ogawa, KU
45. **Synthesis and Characterization of Manganese oxide Nanofiber and Nanotube**
Tomonori Kitayama, Yoshie Ishikawa and Qi Feng, KU
46. **Conductive pattern forming method on vertical wall using spray coating and angled exposure technologies**
Hiroki Morii, Fumikazu Oohira, Minoru Sasaki, Toshihiko Ochi, Asumi Yuzuriha and Katsuhito Wani, KU
47. **Synthesis of Crystal-Axis-Oriented Plate-like BaTiO_3 Nanoparticles by Solvothermal Soft Chemical Process**
Toshiyuki Ochiai, Yoshie Ishikawa and Qi Feng, KU
48. **A Novel Catheter Operating System using Force Sensors**
Shuxiang Guo, Jian Guo, Nan Xiao and Takashi Tamiya, KU
49. **The Mechanism and Control of a Spiral Type of Wireless Microrobot in Pipe**
Qinxue Pan, Shuxiang Guo and Takashi Tamiya, KU
50. **Effects of azelnidipine on oxidative stress and renal injury in aldosterone-infused hypertensive rats**
Yu-Yan Fan, Masakazu Kohno, Daisuke Nakano, Hirofumi Hitomi and Akira Nishiyama, KU
51. **Effects of cilnidipine on intrarenal renin-angiotensin system, oxidative stress and renal injury in SHR/ND rats**
Yu-Yan Fan, Masakazu Kohno, Daisuke Nakano, Hirofumi Hitomi, Hiroyuki Kobori, Toshiro Fujita and Akira Nishiyama, KU
52. **Inappropriate activation of intrarenal renin-angiotensin system in developing kidneys of type 2 diabetic rats**
Yu-Yan Fan, Masakazu Kohno, Yukiko Nagai, Daisuke Nakano, Hitomi Hirofumi, Akira Nishiyama, KU

- 53. The role of chymase in angiotensin II formation and progression of fibrosis in obstructed kidneys**
Yu-Yan Fan, Masakazu Kohno, Yoshihide Fujisawa, Daisuke Nakano, Hirofumi Hitomi, Hiroyuki Kobori and Akira Nishiyama, KU
- 54. Effects of olmesartan on intrarenal angiotensin II and oxidative stress in aortic regurgitation model rats**
Kazi Rafiq, Takahisa Noma, Daisuke Nakano, Yukiko Nagai, Yu-Yan Fan, Hirofumi Hitomi, KU
- 55. Effects of mineralocorticoid receptor blockade on glucocorticoid-induced hypertension and renal injury in adrenalectomized rats**
Kazi Rafiq, Daisuke Nakano, Hirofumi Hitomi, Yukiko Nagai and Akira Nishiyama, KU
- 56. Role of neuronal nitric oxide synthase in the cardiac ischemia reperfusion and ischemia preconditioning in mice**
Du Jun, Xiao-Mei Lu, Daisuke Nakano, Hirofumi Hitomi, Hideyasu Kiyomoto, Yu-Yan Fan, Shoji and Kimura, Akira Nishiyama, KU
- 57. Mechanical stretch-induced reduction in 11 beta-hydroxysteroid dehydrogenase 2 expression in rat vascular smooth muscle cells**
Yukiko Nagai, Yoshihide Fujisawa, Daisuke Nakano, Hirofumi Hitomi, Hideyasu Kiyomoto, Shoji Kimura, Masakazu Kohno and Akira Nishiyama, KU
- 58. Effects of the inhibition of nonproteolytic activation of prorenin on the development of insulin resistance in fructose-fed rats**
Yukiko Nagai, Atsuhiko Ichihara, Daisuke Nakano, Hirofumi Hitomi, Hideyasu Kiyomoto, Yoshihide Fujisawa, Masakazu Kohno and Akira Nishiyama, KU
- 59. Urinary angiotensinogen as a biomarker for intrarenal angiotensin activity in patients with IgA nephropathy: effects of angiotensin II blockade**
Akira Nishiyama, Hirofumi Hitomi, Hideyasu Kiyomoto, Hiroyuki Kobori and Masahito Imanishi, KU
- 60. Effects of dual blockade of angiotensin II and aldosterone on renal injury in type 2 diabetic rats**
Akira Nishiyama, Hideyasu Kiyomoto, Hiroyuki Kobori, Masahito Imanishi, KU
- 61. Aldosterone induces collagen gene expression and myofibroblastic transdifferentiation through the Rho-kinase-dependent pathway in rat mesangial cells**
Suwarni Diah, Hirofumi Hitomi¹, Daisuke Nakano, Yukiko Nagai, Hideyasu Kiyomoto, Shoji Kimura, Akira Nishiyama, KU
- 62. Angiotensin II shifts insulin signaling from glucose metabolism to cellular hypertrophy in rat vascular smooth muscle cells**
Hirofumi Hitomi, Kumiko Kaifu, Yoko Nishijima, Satoshi Nishioka, Yoshiko Fujita, Taiga Hara, Daisuke Nakano, Hideyasu Kiyomoto, Masakazu Kohno and Akira Nishiyama, KU

- 63. Insulin attenuates apoptosis induced by high glucose via the PI3-kinase/Akt pathway in rat peritoneal mesothelial cells**
Kumiko Kaifu, Hideyasu Kiyomoto, Keisuke Matsubara, Hirofumi Hitomi, Kumiko Moriwaki, Chihiro Kurozumi, Tadashi Sofue, Yoshiko Fujita, Akira Nishiyama and Masakazu Kohno, KU
- 64. Involvement of mineralocorticoid receptor in high glucose-induced mesangial BMK1 activation and cell proliferation**
Gang Liu, Hirofumi Hitomi, Daisuke Nakano, Naohisa Hosomi, Hideyasu Kiyomoto and Akira Nishiyama, KU
- 65. Different responses of angiotensin II-induced vascular smooth muscle cell ERK1/2 activation and proliferation to mechanical stretch between normotensive and hypertensive rats**
Gang Liu, Hirofumi Hitomi, Naohisa Hosomi, Daisuke Nakano, Hideyasu Kiyomoto, Masakazu Kohno and Akira Nishiyama, KU
- 66. High sodium augments angiotensin II-induced proliferation of rat vascular smooth muscle cells through an ERK1/2-dependent pathway**
Gang Liu, Hirofumi Hitomi, Naohisa Hosomi, Daisuke Nakano, Hideyasu Kiyomoto, Masakazu Kohno and Akira Nishiyama, KU
- 67. Gender differences in endothelin-dependent sodium excretion in renal medulla**
Daisuke Nakano and Yoshihiro Nishiyama, KU
- 68. The role of gonadal hormones in renal medullary endothelin-dependent natriuresis**
Daisuke Nakano and Yoshihiro Nishiyama, KU
- 69. Brain Angiotensin II Increased following Focal Cerebral Ischemia**
Hua Fu, Naohisa Hosomi, Nicolas Pelisch, Gang Liu, Takayuki Naya, Hiroyuki Ohkita, Shiho Kobayashi, Akira Nishiyama and Masakazu Kohno, KU
- 70. Brain Angiotensin II Regulation with systemic Angiotensin Type 1 Receptor Blocker**
Nicolas Pelisch, Naohisa Hosomi, Liu Gang, Hua Fu, Takayuki Naya, Hiroyuki Ohkita, Mao Mukai, Akira Nishiyama and Masakazu Kohno, KU
- 71. Plasma Brain Natriuretic Peptide as A Surrogate Marker for Cardioembolic Stroke**
Naohisa Hosomi, Kazushi Yukiiri, Takayuki Naya, Tsutomu Takahashi, Hiroyuki Ohkita, Mao Mukai, Masakazu Kohno, KU
- 72. Predictors of Intracerebral Hemorrhage Severity and Its Outcome in Japanese Stroke Patients**
Naohisa Hosomi, Takayuki Naya, Hiroyuki Ohkita, Mao Mukai, Masakazu Kohno and Shotai Kobayashi, KU
- 73. The long-term live monitoring of transplanted human fetal neural stem/progenitor cells in vivo**
Daisuke Ogawa, Yohei Okada, Masaya Nakamura, Hideyuki Okano and Takashi Tamiya, KU

74. **Anti-inflammatory and Analgesic Activities of the Saponin Mixture from *Tacca Chantrieri* Andre and Sesamin from *Sesamun indicum***
Puongtip Kunanusorn, Ampai Panthong, Parirat Khonsung and Thitikarn Wongcome
75. **Rare Sugar D-Allose Enhances Anti-tumor Effect of 5-Fluorouracil on the Human Hepatocellular Carcinoma Cell Line HuH-7**
Fuminori Yamaguchi, Kazuyo Kamitori, Dong Youyi, Yuko Hirata and Masaaki Tokuda, KU
76. **The inhibitory effect of D-allose on MOLT-4F leukemia cell proliferation**
Yuko Hirata, Ikuko Tsukamoto, Fuminori Yamaguchi, Li Sui, Kazuyo Kamitori and Masaaki Tokuda, KU
77. **Effects of nucleosides including allo-nucleosides and psico-nucleosides on the tube formation of human umbilical vein endothelial cells**
Ikuko Tsukamoto, Norikazu Sakakibara, Tokumi Maruyama, Masaaki Tokuda, Yasuo Kubota, Ryoji Konishi, KU
78. **D-allose-induced thioredoxin interacting protein (TXNIP) expression causes cell-cycle arrest at the G1/S checkpoint**
Kazuyo Kamitori, Fuminori Yamaguchi, Youyi Dong and Masaaki Tokuda, KU
79. **Rare sugar L-psicose containing solution reduces ROS production and matrix expansion stimulated in response to high-glucose in cultured rat peritoneal mesothelial cells.**
Kumiko Kaifu, Hideyasu Kiyomoto, Yoshiko Fujita, Kumiko Moriwaki, Hirofumi Hitomi, Akira Nishiyama, Masaaki Tokuda and Masakazu Kohn, KU
80. **Population genetic structure of two sibling species of *Anopheles punctulatus* group of mosquitoes on Guadalcanal in the Solomon Islands**
Arif - Ul - Hasan, Setsuo Suguri, Chigusa Fujimoto, Rodney Londary Itaki, Masakazu Harada, Masato Kawabata, Hugo Bugoro and Bobogare Albino, KU
81. **A Community-based Preventive Care Program for Dementia in Takamatsu City**
Junko Mikami, Rumiko Kanakura, Misaki Akiyama, Masahiko Takahashi and Ikuko Sobue, KU
82. **The ethical issues of a renal transplantation using pathologic organs**
Yukiko Awano, Masami Iritani, Hideyo Miyauchi, Hiroko Uematsu, Sayo Kawakami and Masayo Toume, KU
83. **Ethical issues on the elderly abuse in Japan**
Taeko Amano, Mitsuko Uehara, Wang Wei, Michiko Kasai, Kotonno Kurihara, Keiko Nishio and Masayo Toume, KU
84. **Comparison of Desired Birth Plans and Materialized Birth Plans of Mothers who gave birth to babies in Midwifing Clinics**
Hiromi Ono, Madoka Simabukuro, Eriko Suzuki, Kaori Furusyo, Naoko Nitoh, Mutsuko Sasaki and Rie Katayama, TU

85. Does Community Partnerships Really Expand the Opportunity for Study, Practice, and Education of Nursing?

Mieko Miyoshi¹, Naoko Naitoh, Mutsuko Sasaki, Rie Katayama, Taeko Yokota, Ikuyo Shimotsu, Michiko Kasai¹ and Michuko Shirai, KU

86. Assessment of Distance Education (IT) between Two Universities on Maternity Nursing and Childbirth Culture

Naoko Naitoh, Mutsuko Sasaki, Rie Katayama, Kazuhiro Hara, Yuuko Fukushima and Kyoko Noguchi, KU

87. The role of PTEN in the development of auditory system

Youyi Dong, Fuminori Yamaguchi, Kazuyo Kamitori, and Masaaki Tokuda, KU

88. Short term Japanese Language Program at the Kagawa University International Student Center

Lrong Lim, Toru Takamizu, Mika Shioi and Ai Shorak, KU

89. Academic Contributions of Faculty of Business Administration, Chiang Mai University to Universities in Laos's People Democratic Republic

Siriwut Buranapin, CMU