

Abstract No.	Time	Presented by	Affiliation	Title	Authors	Page No.
Plenary Lecture: September 26 at the University Library Hall						
BO-01	14:05 - 14:40	Mohamed Hatha Abdulla	Cochin University of Science and Technology	Role of Arctic Tern (<i>Sterna paradisaea</i>) in the Dissemination of Antibiotic Resistant Bacteria during Inter-Hemisphere Migration	Mohamed Hatha Abdulla, Akhil Prakash, Teresa Hromadkova	1
Oral presentations: September 27 at Faculty of Science Building, Room B303						
Chair person: Hironori Ando (Niigata University)						
BO-02	9:00-9:12	Alexia Chloe Meunier	Monash University Malaysia	Estrogenic Regulation of Social Stress Response in the Brain of Nile Tilapia (<i>Oreochromis niloticus</i>): Role of Spexin	Alexia Chloe Meunier, Yatinesh Kumari, Tomoko Soga	2
BO-03	9:12-9:24	Neevashini Chengebroyen	Monash University Malaysia	Role of Spexin Neurons and Spexin Receptors in Social Decision-Making in Nile Tilapia (<i>Oreochromis Niloticus</i>)	Neevashini Chengebroyen, Mageswary Sivalingam, Tomoko Soga	3
BO-04	9:24-9:36	Muallimul Islam	Bangladesh Agricultural University	Probiotics and <i>Spirulina platensis</i> Improved Growth Performance of Nile Tilapia by Upgrading Intestinal Morphology and Activating GH/IGF axis	Muallimul Islam, Md. Shahjahan	4
BO-05	9:36-9:48	Mahadi Amin	Bangladesh Agricultural University	Multi-Species Probiotics Relieve Microplastics-induced Growth Retardation and Stress in Nile Tilapia	Mahadi Amin, Md Shahjahan	5
BO-06	9:48-10:00	Joya Chakrabarty	Chattogram Veterinary and Animal Sciences University	Activated GH/IGF Axis by Multi-Species Probiotics Relieve High Temperature-Induced Growth Obstruction and Stress in Rohu (<i>Labeo rohita</i>)	Joya Chakrabarty, Zannatul Ferdous, Md Shahjahan, Md Mahiuddin Zahangir	6
Coffee Break 10:00 - 10:10						
Chair person: Tatsuya Sakai (Niigata University)						
BO-07	10:10-10:22	Shifat Ara Noor	Chattogram Veterinary and Animal Sciences University	Reproductive Biology of Indian Major Carp (Black Rohu, <i>Labeo calbasu</i>) from the Kaptai Lake of Bangladesh: A Study to Understand Relationship between Rainfall and Reproduction	Shifat Ara Noor, Muhammad, Md. Moudud Islam, Fatema Akhter, Md. Main Uddin Mamun, Md. Mahiuddin Zahangir	7
BO-08	10:22-10:34	Saumadip Manna	Cochin University of Science and Technology	Mesozooplankton Composition along the Lakshadweep Archipelago, India	Jasmine Purushothaman, Haritha Prasad, Saumadip Manna	8
BO-09	10:34-10:46	Ananya P R	Cochin University of Science and Technology	Abundance and Distribution of Macrobenthos in Mandovi and Zuari Estuaries, Goa	Ananya P R, Dr.Dattesh V Desai	9
BO-10	10:46-10:58	Riko Makino	Niigata University	Strategy for Glycan Biomarkers Exploration by Establishing Simple and Precise Glycan Preparation and Analysis Methods	Riko Makino, Shunji Natsuka	10
BO-11	10:58-11:10	Kayano Toume	Niigata University	The GEX1 Ortholog of <i>Marchantia polymorpha</i> is a Nuclear Membrane Protein of Gametes Required for Fertilization	Kayano Toume, Sakura Eizuka, Yuki Tomita, Takashi Araki, Shohei Yamaoka, Naoki Minamino, Takashi Ueda, Shuh-ichi Nishikawa	11
Coffee Break 11:10 - 11:20						
Chair person: Maki Touma (Niigata University)						
BO-12	11:20-11:32	Aoi Kawashima	Niigata University	Analysis of Molecular Mechanism and Physiological Function of Peptidyl-tRNA Hydrolase Pth2	Aoi Kawashima, Akihisa Ichimura, Masateru Chihara, Mizusawa Shungo, Shuh-ichi Nishikawa, Kosuke Ito	12
BO-13	11:32-11:44	Yuto Yoshida	Niigata University	Developmental Differentiation in the <i>Xenopus</i> Thymus of Ouro Protein-Reactive T cells that Function in Tail Resorption during Metamorphosis	Yuto Yoshida, Haruka Kobayashi, Yumi Izutsu	13
BO-14	11:44-11:56	Yuri Nakagawa	Niigata University	Detailed Analysis of the Interaction between a Dormancy Regulator and DNA Gyrase from <i>Mycobacterium tuberculosis</i>	Yuri Nakagawa, Yuuka Kawanobe, Koki Watanabe, Akihito Nishiyama, Yuriko Ozeki, Sohkiichi Matsumoto, Kosuke Ito	14
Lunch Break 12:00 - 13:10						
Chair person : Midori Iida (Niigata University)						
BO-15	13:10-13:22	Nguyen Tran Ngoc Mai	Hanoi National University of Education	Importance of a Tropical Estuary for Larvae and Juveniles of Mullet (Mugiliformes: Mugilidae)	Nguyen Tran Ngoc Mai	15
BO-16	13:22-13:34	Nguyễn Trần Bách	Hanoi National University of Education	Bioacoustic Characteristics of 5 Species of The Sunbirds (Nectariniidae) Raised in Hanoi City	Nguyen Tran Bach	16
BO-17	13:34-13:46	Leung Yan Wai	University of Hong Kong	A Study of the Relationship between Barnacles, <i>Chthamalus antemnatius</i> , and Periwinkles, <i>Austrolittorina unifasciata</i>	Yan Wai Leung	17
BO-18	13:46-13:58	Li Jiaxin	University of Hong Kong	Tidal Migration of <i>Littorina scabra</i> on Mangroves of Orpheus Island	Li Jiaxin	18

BO-19	13:58-14:10	Indah Permata Sari	National Tsing Hua University	Development of Fusion-Based Assay as a Drug Screening Platform Against Nipah Virus Utilizing Baculovirus Expression Vector System	Indah Permata Sari, Christopher Llynard D. Ortiz, Lee-Wei Yang, Ming-Hsiang Chen, Ming-Der Perng, Tzong-Yuan Wu	19
Oral presentations: September 28 at Faculty of Science Building, Room B303						
Chair person: Akihito Omori (Niigata University)						
BO-20	9:00-9:18	Md Shahjahan	Bangladesh Agricultural University	Global Warming Challenges for Aquaculture: the Case of Indian Major Carp Rohu, <i>Labeo rohita</i>	Md Shahjahan	20
BO-21	9:18-9:36	Nor Ismaliza binti Mohd Ismail	Universiti Tunku Abdul Rahman	Potential of a Novel and Thermostable Recombinant Phage Endolysin of <i>Escherichia</i> Phage KW1E_UTAR against <i>Shigella</i> spp.	Dharshini Selvam, Nor Ismaliza Mohd Ismail, Michelle Yeen Tan Ng	21
BO-22	9:36-9:54	Yi-Ning Chen	Chung Yuan Christian University	Investigation of Coinfection Responses of Porcine Epidemic Diarrhea Virus (PEDV) and Mammalian Orthoreovirus (MRV) in Kidney Cells of Formosan Lesser Horseshoe Bat (<i>Rhinolophus monoceros</i>)	Yi-Ning Chen, Wei Hao Chen	22
BO-23	9:54-10:12	Chang-Yi Wu	National Sun Yat sen University	Vascular Patterning Mediated by Isl2/Nr2f1b Regulon: follistatin-BMP and stap2b-Jak/STAT3 signalings	Yi-Shan Wang, Ru-Fang Li, Yi-Shan Huang, Chang-Yi Wu	23
Coffee Break 10:12 - 10:30						
Chair person: Shuh-ichi Nishikawa (Niigata University)						
BO-24	10:30-10:48	Duen-Wei Hsu	National Kaohsiung Normal University	The Challenge of Bioremediating 2,4,6-Trinitrotoluene (TNT), a Yellow Powder, through Various Microbial and Enzymatic Methods.	Duen-Wei Hsu, Tzu-I. Wang, Da-Ji Huang, Yu-Jie Pao, Yuya A. Linc, Ting-Wen Cheng, Shih-Hsiung Liang, Chien-Yen Chen, Chih-Ming Kaoe, Yih-Terng Sheue, Chien-Cheng Chen	24
BO-25	10:48-11:06	Muhmin Michael Manting	Mindanao State University, Iligan Institute of Technology	Floral Inventory of Naga-Kabasalan Protected Landscape, Zamboanga Sibugay, Philippines	Cara Mia A. Digo, Honey Claire H. Gemeniano, Kyriss Rica E. Bandiala, Danielle Jan Q. Padagas, Sarah Grace S. Zamudio, Val B. Salares, Djamae L. Manzanares, Georgina L. Fernandez, and Muhmin Michael E. Manting	25
BO-26	11:06-11:24	Kento Kawasaka	Niigata University	Face Perception in a Group-Living Cichlid Fish	Kento Kawasaka	26
BO-27	11:24-11:32	Eisuke Tasaki	Niigata University	Advanced Defense Systems against Oxidative Stress in the Long-Lived Termite Queens and Kings	Eisuke Tasaki	27
Poster presentations: September 26 at the University Library Lounge						
BP-01	16:30 - 17:30	Lucilyn Lahoylahoy Maratas	Mindanao State University, Iligan Institute of Technology	Prevalence of Methicillin-Resistant <i>Staphylococcus aureus</i> in the Philippines: A Systematic Review and Meta-analysis	Lucilyn L. Maratas, Melven I. Valmorla, Leah Mae S. Cuyano, Mark Anthony I. Jose, Marie Johanna L. Cuadra, Lady Jane C. Fanuncio, Franco G. Teves, Marilen P. Balolong	28
BP-02	15:30 - 16:30	Lady Jane C. Fanuncio	Mindanao State University, Iligan Institute of Technology	Extended Spectrum Beta-Lactamase Enterobacteriaceae in Irrigation Waters of Bukidnon, Philippines	Lady Jane C. Fanuncio, Lucilyn L. Maratas, Heather Dale A. Hayag, Marie Johanna L. Cuadra, Isidro B. Arquisal, Franco G. Teves, Mark Anthony I. Jose	29
BP-03	16:30 - 17:30	Tzong-Yuan Wu	Chung Yuan Christian University	Generating the Baculoviruses with the Host-Range Extended that Can Infect at Least Three Different Hosts	Ming-Hsiang Chen, Shin-Shin Kao, Indah Permata Sari, Ming-Der Perng, Tzong-Yuan Wu	30
BP-04	15:30 - 16:30	Kuang-Yueh Chen	National Kaohsiung Normal University	Impact of Geographical and Climatic Factors on Melioidosis Hotspots in Southern Taiwan	Kuang-Yueh Chen, Chien-Cheng Chen, Chung-Yuan Ren	31
BP-05	16:30 - 17:30	Arisa Osabe	Niigata University	Study on Molecular Mechanisms Underlying the Development and Differentiation of Mesenchyme cells in the Feather Star	Arisa Osabe, Akihito Omori	32
BP-06	15:30 - 16:30	Nanami Kobayashi	Niigata University	Analysis of Compounds that Inhibit Nuclear Fusion during Yeast Mating	Nanami Kobayashi, Yoshikazu, Ohya, Kenichirou Itami, Ayato Satou, Shu-ichi Nishikawa	33
BP-07	16:30 - 17:30	Ayaka Kawahara	Niigata University	Screening and Analysis of Compounds that Inhibit Pollen Tube Growth	Ayaka Kawahara, Ayato Sato, Kenichiro Itami, Shuh-ichi Nishikawa	34
BP-08	15:30 - 16:30	Jun Morino	Niigata University	Glucose Accumulation in Long-Lived Termite Queens	Jun Morino, Eisuke Tasaki	35

BP-09	16:30 - 17:30	Aoi Yoshino	Niigata University	Elucidation of the Effects of Post-Translational Modifications of a Mycobacterium Tuberculosis Dormancy Regulator on the Interaction with DNA Gyrase	Aoi Yoshino, Takumi Fukuda, Koki Watanabe, Akihito Nishiyama, Yuriko Ozeki, Sohkiichi Matsumoto, Kosuke Ito	36
BP-10	15:30 - 16:30	Tomonori Kosakai	Niigata University	Analysis of Mouse Laminin-111 O-Linked Glycans	Tomonori Kosakai, Shunji Natsuka	37
BP-11	16:30 - 17:30	Hibiki Kobayashi	Niigata University	Structural Analysis of Free Glycans Secreted from Zebrafish Embryos	Hibiki Kobayashi, Shunji Natsuka	38
BP-12	15:30 - 16:30	Koki Awaka	Niigata University	I κ BNS Deficiency Alters the Pathogenesis of Murine Autoimmune Gastritis	Koki Awaka, Kana Takahashi, Maki Touma	39
BP-13	16:30 - 17:30	Yusaku Kato	Niigata University	Analysis of Infiltrating Immune cells Affecting the Pathogenesis in Murine Autoimmune Gastritis	Yusaku Kato, Ayane Wada, Maki Touma	40
BP-14	15:30 - 16:30	Komomo Okabe	Niigata University	Analysis of the Effect of Quantitative Changes in the Expression of the Immune Antigen Protein Ouro on the Phenotype of <i>Xenopus</i> Tail Degeneration.	Komomo Okabe, Kaho Hirota, Meina Takahashi, Haruka Kobayashi, Yumi Izutsu	41
BP-15	16:30 - 17:30	Kaho Hirota	Niigata University	Is the Loss of Brachial Sac Skin during Forelimb Development in African Clawed Frogs Due to Programmed Cell Death (Apoptosis) or not?	Kaho Hirota, Meina Takahashi, Komomo Okabe, Haruka Kobayashi, Yumi Izutsu	43
BP-16	15:30 - 16:30	Meina Takahashi	Niigata University	Analysis of Loss-of-Function of Immune Antigen Protein Ouro upon Brachial Sac Skin during <i>Xenopus</i> Metamorphosis	Meina Takahashi, Kaho Hirota, Komomo Okabe, Haruka Kobayashi, Yumi Izutsu	43
BP-17	16:30 - 17:30	Akari Abe	Niigata University	Functional Analysis of the Antioxidant Enzymes Highly Expressed in Long-Lived Termite Kings and Queens	Akari Abe, Eisuke Tasaki	44
BP-18	15:30 - 16:30	Atsushi Kato	Niigata University	Exploration of Interaction Sites on RNA Polymerase with a Dormancy Regulator in <i>Mycobacterium tuberculosis</i>	Atsushi Kato, Kodai Kamba, Kenichiro Yamamoto, Akihito Nishiyama, Yuriko Ozeki, Sohkiichi Matsumoto, Kosuke Ito	45