

INTERNATIONAL CONFERENCE ON ADVANCES IN FISH HEALTH

Date: 4-6 April 2017

Venue: Auditorium, Office of the Deputy Vice Chancellor
(Research and Innovation), UPM

SCIENTIFIC PROGRAMME SCHEDULE

FIRST DAY: 4 th April 2017 (Tuesday)		
Time	No.	Activities/Presentation Titles
08:00 – 09:00	--	Registration
09:00 – 09:45	--	Opening Ceremony
09:45 – 10:15	--	Photography Session and Refreshment
10:15 – 11:00	KA01	KEYNOTE ADDRESS 1: Transboundary Aquatic Animal Diseases (TAADs) and their Potential to Destroy National Aquaculture Development <i>Dr. Melba B. Reantaso</i> Food and Agriculture Organisation (FAO), Rome, Italy Chairperson: Prof Dr. Mohd Zamri Saad (UPM)
SESSION 1: EPIDEMIOLOGY OF FISH DISEASES IN AQUACULTURE <i>Chairperson: Dr. Melba Reantaso (FAO, Italy)</i>		
11:00 – 11:30	PL01	PLENARY LECTURE 1: Epidemiological Approach to Minimise Losses in Aquaculture <i>Dato' Dr. Mohamed Shariff Mohamed Din</i> Universiti Putra Malaysia, Malaysia
11:30 – 11:50	OP01	Invasive Monogenean Parasites and Their Expansion in India: A Threat to Fish Biodiversity and Health <i>Hridaya Shanker Singh & Anshu Chaudhary</i>
11:50 – 12:10	OP02	Marine Oomycetes Infection Found in Mud Crab (<i>Scylla tranquebarica</i>) Larvae in Sabah, Malaysia <i>Kishio Hataj, Yih Nin Lee & Osamu Kurata</i>
12:10 - 12:30	OP03	Presence of Multiple Pathogens among Marine Cage-Cultured Fish and its Association with Water Physicochemical Parameters <i>A. Abdullah, N. N. Mansor, R. Ramli, M. S M. Ridzuan, S. Amira, M. Murni, S. Hashim, F. Sudirwan, A. Siti-Zahrah, Mohammad Noor Amal Azmai & M. Zamri-Saad</i>
12:30 – 14:00	Lunch Break	

Session 1: (Continue) <i>Chairperson: Dr. Celia Lavilla-Pitogo (Philippines)</i>		
14:00-14:20	OP04	Detection of Viral Nervous Necrosis Virus (VNNV), Red Sea Bream Iridovirus (RSIV) and Marine Birnavirus (MABV) in Cultured Grouper <i>Azila Abdullah, Rimatulhana R., Zuraidah R., Munira M., Norhilma A.G. & Nik Nadiah N.A.K.</i>
14:20 – 14:40	OP05	Severe Dermal Ulcerative Disease Outbreak in Hybrid Grouper <i>Mohd. Fuad Matorj, Hadani A. & Fitri Z.</i>
14:40 – 15:00	OP06	Epidemiology Study of Viral Nervous Necrosis (VNN) in Malaysian Groupers: Sequence Analysis Strategies and Quasispecies Determinant's <i>Nurshuhadah Ariff, Azila Abdullah, Mohammad Noor Amal Azmai, Najiah Musa & Sandra Catherine Zainathan</i>
15:00 – 15:20	OP07	A Practical Approach for Combating Parasite Marine Leech <i>Zeylanicobdella arugamensis</i> Infestation in Marine Cage Farmed Fish <i>Kua Beng Chu, Nuruljannah H. & Nur Shikin A.</i>
15:20 – 15:40	OP08	First Detection of White Spot Syndrome Virus (WSSV) in Wild Mudcrab, <i>Scylla</i> spp. (De Haan, 1883) from Setiu Wetlands and its' High Similarity to WSSV Mexican Strain (WSSV-MX08) <i>Nurshafiqah Norizan, Norfatihah Rasid, Faizah Shaharoum, Marina Hassan, Nadirah Musa, Najiah Musa, Mohd Effendy Abdul Wahid & Sandra Catherine Zainathan</i>
15:40 – 16:00	OP09	Phenotypic and Genotypic Characterization of <i>Vibrio</i> Species Isolates from <i>Epinephelus</i> Species in Selangor, Malaysia <i>Nor Amalina Zulkipli, Dzarifah Mohamed Zulperi, Mohd Termizi Yusof, Mohammad Noor Amal Azmai, Mohd Zamri Saad & Ina Salwany Md Yasin</i>
16:00 – 17:00	Refreshment/Poster Session	

SECOND DAY: 5 th APRIL 2017 (WEDNESDAY)		
Time	No.	Activities/Presentation Titles
SESSION 2: IMMUNOLOGY AND VACCINE TECHNOLOGIES <i>Chairperson: Dato' Dr. Mohamed Shariff Mohamed Din (UPM)</i>		
09:00 – 09:45	KA02	KEYNOTE ADDRESS 2: Fish Vaccine Development and Optimisation of Administration Strategies <i>Professor Alexandra (Sandra) Adams</i> <i>University of Stirling, UK</i>
09:45 – 10:05	OP10	Molecular Pathways and Inhibitory Effect on PmRab7 Gene Regulation in <i>Penaeus monodon</i> after WSSV Infection <i>Amrendra Kumar, Vaishnavi R. & Saravanakumar</i>
10:05 - 10:25	OP11	Growth Performance and Non-Specific Immunity Factors in Shrimp Culture with Different Stocking Densities <i>Wiyoto, Sukenda, Enang Harris, Kukuh Nirmala, Daniel Djokosetiyanto & Julie Ekasari</i>
10:25 – 10:45	OP12	Pathogenicity and Safety Test of Live Attenuated Protease as Live Vaccine Candidate against <i>Vibrio harveyi</i> in <i>Epinephelus fuscoguttatus</i> <i>Aslizah Mohd Aris, Hassan Mohd Daud, Mohd Zamri Saad, & Ina Salwany Md Yasin</i>
10:45 – 11:00	Refreshment/Poster Session	
Session 2: (Continue) <i>Chairperson: Dr. Ina Salwany Md Yasin (UPM)</i>		
11:00 - 11:20	OP13	Generation of Monoclonal Antibody against Lymphocyte of Brown-Marbled Grouper, <i>Epinephelus fuscoguttatus</i> <i>Chong Chou Min, Leslie Than Thian Lung, Fatimah Md Yusoff & Maha Abdullah</i>
11:20 – 11:40	OP14	Vector Construction and Transformation Strategies of <i>Nannochloropsis oculata</i> for Fish Vaccine Delivery <i>Aisamuddin Ardi Zainal Abidin & Zetty Norhana Balia Yusof</i>
11:40 – 12:00	OP15	Induction of Macrocytic-Normochromic Anaemia in <i>Clarias gariepinus</i> (Burchell, 1822) Exposed to Acute Toxicity of 2, 3-Dichlorovinyl Dimethyl Phosphate (Sniper 1000ec) Under Laboratory Conditions <i>A.M. Idi-Ogede, Samira I. Umar & I. Abdulraheem</i>

12:00 – 12:20	OP16	Humoral Immune Response of Juvenile Tiger Groupers, <i>Epinephelus fuscoguttatus</i> Following Oral Administration of Bioencapsulated Vaccine against Vibriosis <i>Mohd Firdaus Nawi, Mohd Zamri Saad, Nik Haiha Nik Yusoff & Shaharah, M. I.</i>
12:20 – 12:35		Flow Cytometry and its Applications <i>Biomarketing Services (M) Sdn Bhd</i>
12:35 – 14:00		Lunch Break
SESSION 3: DISEASE-MANAGEMENT PRACTICES IN AQUACULTURE SYSTEMS <i>Chairperson: Professor Dr. K. Pani Prasad (India)</i>		
14:00 – 14:30	PL02	PLENARY LECTURE 2: Holistic Approaches to Disease Management in Aquaculture <i>Dr. Celia Lavilla-Pitogo</i> <i>Philippines</i>
14:30 – 14:50	OP17	Positive Effects of Hatchery and Nursery Culture in Biofloc Systems on African Catfish Robustness and Immunity <i>Julie Ekasari, Kikim Abdul Hakim, Hilmi Fauzi, Mia Setiawati & Tatag Budiardi</i>
14:50 – 15:10	OP18	Estimating The Total Costs of Vibriosis in Asian Seabass (<i>Lates calcarifer</i>) Cage Culture <i>Norhariani Mohd Nor, Maryam Mustafa Adlan & Hassan Hj Mohd Daud</i>
15:10 – 15:30	OP19	Best Management Practices for Reducing Transfer of Fish Disease from Farmed to Wild Population <i>Abdullahi Iliyasu, & Zainal Abidin Mohamed</i>
15:30 – 15:50		Refreshment
15:50 – 16:10	OP20	Application of Quorum Sensing Inhibitors to Protect <i>Macrobrachium rosenbergii</i> Larvae from <i>Vibrio campbellii</i> Infection <i>Pande Gde Sasmita Julyantoro</i>
16:10 – 16:30	OP21	Effects of Varying Dietary Fiber Levels on the Short Chain Fatty Acids, Liver and Glycogen of Lemon Fin Barb Hybrid <i>Muhammad Aliyu Sulaiman, Mohd Salleh Kamarudin & Muhammad Fadhil Syukri Ismail</i>
16:30 – 16:50	OP22	Quorum Sensing Inhibitors from Seaweeds Collected in Negeri Sembilan and Johore, Malaysia <i>Atifa Zainal Abidin & F.M.I Natrah, Z. Muta Harah & Y. Rukayadi</i>
16:50 – 17:30		Refreshment/Poster Session

FINAL DAY: 6 th APRIL 2017 (Thursday)		
Time	No.	Activities/Presentation Titles
SESSION 4: PROBIOTICS AND THERAPEUTICS <i>Chairperson: Professor Alexandra (Sandra) Adams (UK)</i>		
09:00 – 09:30	PL03	PLENARY LECTURE 3: <i>Dr. Haji Mazuki Hashim</i> <i>Director, Biosecurity Division, Department of Fisheries, Malaysia</i>
09:30 – 09:50	OP23	The Potency of Curcumin Enriched Feed in Preventing Kidney Tissue Alteration due to <i>Aeromonas hydrophila</i> Infection in <i>Pangasius hypophthalmus</i> <i>Morina Riauваты, Henni Syawal & Nurleha</i>
09:50 - 10:10	OP24	Biotherapeutic Properties of <i>Vitex trifolia</i> for High Health Promoter in Freshwater Fish <i>Hassan Mohd. Daud, Sharifah Raina & Razak Alimon</i>
10:10 – 10:30	OP25	Effect of Natural Planting, Barley Sprouts Powder and Hydroponic Germination of Barley in Some Health Aspects of Common Carp <i>Hazem S. Abedalhammed, Nasreen M. Abdulrahman & Haitham L. Sadik</i>
10:30 – 10:50	Refreshment/Poster Session	
Session 4: (Continue) <i>Chairperson: Prof. Dr. Hridaya Shanker Singh (India)</i>		
10:50 - 11:10	OP26	Isolation and Assessment of Potential Probiotic Isolated from Blue Swimming Crab (<i>Portunus pelagicus</i>) Haemolymph against <i>Vibrio harveyi</i> <i>Noor Azrin Abdul Rahman, Ina Salwany Md Yasin, Yuzine Esa & Murni Marlina Abd Karim</i>
11:10 – 11:30	OP27	Immunostimulatory Effect of Ethanolic Extract of Piper Betle in Tiger Shrimp (<i>Penaeus monodon</i>) <i>Siti Hasmah Mohtar, Sofiah Haulisah & Sharr Azni Harmin</i>
11:30 – 11:50	OP28	First Report on the Anthelmintic Activity of Rosemary (<i>Rosmarinus officinalis</i>) against Monogenea (<i>Dactylogyrus minutus</i>) in Common Carp (<i>Cyprinus carpio</i>) <i>Mehmet Arif Zoral, Takayuki Katagiri, Kunihiro Futami, Makoto Endo & Masashi Maita</i>
11:50 – 12:10	OP29	Fucoidan Crude Extracts from Sea Cucumber, <i>H. leucospilota</i> and <i>Sargassum</i> spp. Exhibit Anti-Bacterial (MRSA & <i>E. coli</i>) and Anticancer Properties <i>In Vitro</i> <i>Abdoulie Ceesay, Mohammed Aliyu-Paiko, Mariana Nor Shamsudin, Fatimah Md Yusoff and Muhammad Farhan Nazarudin</i>

12:10 – 12:30	OP30	Shotgun Metagenomic Analysis in Aquaculture: A Potential Tool to Access the Therapeutic Effect of Potential Novel Probiotics in Tasik Kenyir <i>Mohd Ezhar Mohd Noor, Sharifah Noor Emilia Syed Jamil Fadaak, Mohd Noor Mat Isa, Mohd Faizal Abu Bakar & Muhd Danish-Daniel Abdullah</i>
12:30 – 14:00	Lunch Break	
SESSION 5: DIAGNOSTICS & BIOMARKERS FOR DISEASE IDENTIFICATION <i>Chairperson: Assoc. Prof. Dr Hassan Mohd Daud (UPM)</i>		
14:00 – 14:30	PL04	PLENARY LECTURE 4: Advances in Diagnostics for Health Management <i>Professor Dr. K. Pani Prasad</i> <i>Central Institute of Fisheries Education, India</i>
14:30 – 14:50	OP31	Quantitative Expression of Shrimps in Response to Pathogens is Controlled by Genotype and Phenotype Parameters. How Much Do We Know and Understand? <i>Subha Bhassu</i>
14:50 – 15:10	OP32	A Convenient Immunochromatographic Test Strip for Rapid Detection of <i>Scylla serrata</i> Reovirus <i>Jiqang Chen, Dongyang Fan, Yangyang Yuan & Jifang Yang</i>
15:10 – 15:30	OP33	Aquatic Biofilms – Setting a Diagnostic Criterion for Infection in Fish <i>Isiaku Abdulsalam Ibrahim, Ina Salwany Md Yasin, Hassan Mohd Daud & Sabri, M.Y.</i>
15:30 – 15:50	Refreshment/Poster Session	
15:50 – 16:10	OP34	Isolation of Channel Catfish Virus (CCV) from <i>Pangasius hypophthalmus</i> in Fish Cell Line <i>Rimatulhana Ramly, Hazreen-Nita M.K., Zuraidah R., Nur Hilma A.G. & Nik Nadiah N.A.K.</i>
16:10 – 16:30	OP35	Advance Microbial Molecular Taxonomy of <i>Vibrionaceae</i> – An Opportunistic Fish Pathogen <i>Nurhidayu Al-Saari, Ina Salwany Md Yasin, Mohd Zamri Saad, A.K.M. Rohul Amin, Gao Feng, Pedro M. Mierelles, Marianne Douglas, Sayaka Mino & Tomoo Sawabe</i>
16:30 – 16:50	OP36	Detection of Potential Bacterial Pathogens at Aquaculture Site in Tasik Kenyir Using Shotgun Metagenomic Approach <i>Mohd Ezhar Mohd Noor, Sharifah Noor Emilia Syed Jamil Fadaak, Mohd Noor Mat Isa, Mohd Faizal Abu Bakar & Muhd Danish-Daniel Abdullah</i>
17:00 – 17:20	Closing Ceremony	