

## Scientific Program

### **6 Dec AM**

- 7:30-8:30 Registration
- 8:30-9:30 Opening Ceremony (Emcee: Dr. Edgar Amar)  
Welcome Remarks - Dr. Joebert Toledo (Chief, SEAFDEC/AQD)  
Opening Remarks - Dr. Hiroshi Ogata (Deputy Chief, SEAFDEC/AQD and Co-Manager, GOJ-TF Projects)  
Keynote Address - Dr. Siri Ekmaharaj (Secretary General, SEAFDEC)
- 9:30-9:45 Ribbon Cutting for the Official Opening of the Poster Session -  
Mr. Hideki Tsubata and Mrs. Rieko Ogata
- 9:45-10:00 Break

### **Session I - Moderator: Dr. Mamoru Yoshimizu**

- 10:00-10:40 Plenary Lecture 1: Koi Herpesvirus (KHV): Status of Outbreaks, Diagnosis, Surveillance, and Research - Dr. Kei Yuasa (NRIA, Japan)
- 10:40-11:00 How Host Specific is the Infection with Koi Herpesvirus (KHV) for Real? - Dr. S.M. Bergmann (Federal Research Institute for Animal Health, Germany)
- 11:00-11:20 Surveillance of Emerging Fish Viral Pathogens in Some Southeast Asian Countries - Dr. Gilda Lio-Po (SEAFDEC/AQD)
- 11:20-11:40 Major Losses of Wild Fish in the USA from a Novel Strain of VHSV- Dr. Andrew E. Goodwin (University of Arkansas, USA)
- 11:40-12:00 Emerging Infectious Diseases in Iranian Aquaculture - Dr. Mehdi Soltani (University of Tehran, Iran)
- 12:00-1:00 Lunch

### **6 Dec PM**

### **Session II - Moderator: Dr. Erlinda Cruz-Lacierda**

- 1:00-1:40 Plenary Lecture 2: Spring Viremia of Carp Virus (SVCV): Global Status of Outbreaks, Diagnosis, Surveillance, and Research - Dr. Andrew E. Goodwin (University of Arkansas, USA)
- 1:40-2:00 Iridovirus Infection in Cultured Tilapia (*Oreochromis* sp.) - Dr. Ellen Ho (Intervet, Singapore)
- 2:00-2:20 Re-Emerging *Oncorhynchus masou* Virus Disease (OMVD) of Rainbow Trout and its Control Strategy - Dr. Mamoru Yoshimizu (Hokkaido University, Japan)
- 2:20-3:00 Plenary Lecture 3: Hemorrhagic Disease of Grass Carp: Status of Outbreaks, Diagnosis, Surveillance, and Research – Dr. Yulin Jiang (Shenzhen Exit and Entry Inspection and Quarantine Bureau, China)
- 3:00-3:20 Diagnosis and Epidemiology of Goldfish Herpesvirus (CyHV-2) and other Viruses with High Carrier Prevalence and Vague Clinical Signs - Dr. Andrew E. Goodwin (University of Arkansas, USA)
- 3:20-3:40 Break/Poster Viewing

**Session III - Moderator: Dr. Lila Ruangpan**

- 3:40-4:20 Plenary Lecture 4: Current Knowledge on Viral Nervous Necrosis (VNN) and its Causative Betanodavirus - Dr. Toshihiro Nakai (Hiroshima University, Japan)
- 4:20-4:40 Piscine Betanodavirus Induces Expression of Mx Protein Gene and Antiviral Hemorrhagic Septicemia Virus Activity in Japanese Flounder Natural Embryo (HINAE) Cells - Dr. Rolando V. Pakingking Jr. (SEAFDEC/AQD)
- 4:40-5:00 Hemorrhage Disease of Cultured Tra Catfish (*Pangasianodon hypophthalmus*) in Mekong Delta (Vietnam) - Dr. Loan Thi Thanh Ly (RIA-2, Vietnam)
- 5:00-5:20 *Parabrachiella* sp., a New Record of Parasitic Copepod in Cage-Cultured Mangrove Snapper (*Lutjanus argentimaculatus*) in the Philippines - Dr. Erlinda R. Cruz-Lacierda (Kagoshima University, Japan)
- 5:20-6:45 **Workshop on Economically-Important Emerging Fish Diseases**  
Moderators: Drs. Gilda Lio-Po and Toshihiro Nakai  
Rapporteurs: Dr. Rolando V. Pakingking Jr. and Gregoria Erazo-Pagador
- 7:00-9:00 Welcome Dinner

**7 Dec AM****Session IV - Moderator: Dr. Somkiat Kanchanakhan**

- 8:00-8:40 Plenary Lecture 5: Current Status of Viral Diseases in Asian Shrimp Aquaculture - Dr. Tim Flegel (Mahidol University, Thailand)
- 8:40-9:00 Study on the Pathogenesis of White Spot Syndrome Virus (WSSV) on Juvenile *Penaeus monodon* in Vietnam - Cuong Van Doan (RIA-2, Vietnam)
- 9:00-9:20 Exposure to Multiple Stressors Increases Risk of WSSV Outbreak - Eleonor A. Tendencia (SEAFDEC/AQD)
- 9:20-9:40 Prevalence of Important Viral Diseases of the Wild Black Tiger Shrimp, *Penaeus monodon*, in the Philippines - Dr. Leobert D. de la Peña (SEAFDEC/AQD)
- 9:40-10:00 Immunostimulation and Vaccination for WSSV Management in Shrimp, *Penaeus monodon* - Dr. Edgar C. Amar (SEAFDEC/AQD)
- 10:00-10:20 Regional Mechanisms for Recognizing Emerging Aquatic Animal Diseases in Asia-Pacific - Dr. C.V. Mohan (NACA, Thailand)
- 10:20-10:40 Break/Poster Viewing
- 10:40-12:00 **Workshop on Economically-Important Emerging Shellfish Diseases**  
Moderators: Drs. Tim Flegel and Celia R. Lavilla-Pitogo  
Rapporteurs: Dr. Leobert D. de la Peña and Eleonor A. Tendencia
- 12:00-1:00 Lunch

**7 Dec PM****Session V - Moderator: Dr. Mehdi Soltani**

- 1:00-1:40 Plenary Lecture 6: Viral Infections of *Macrobrachium* spp.: Global Status of Outbreaks, Diagnosis, Surveillance, and Research - Dr. A.S. Sahul Hameed (C. Abdul Hakeem College, India)

- 1:40-2:00 Surveys of Giant Freshwater Prawn Viral Diseases, *MrNV* and *XSV*, in Thailand - Dr. Somkiat Kanchanakhan (AAHRI, Thailand)
- 2:00-2:20 Widespread Distribution of Infectious Hypodermal and Hematopoietic Necrosis Virus (IHHNV) Infection in the Philippines: Implications for Farmed *Penaeus vannamei* - Dr. Celia R. Lavilla-Pitogo (SEAFDEC/AQD)
- 2:20-2:40 Current Status of Infectious Myonecrosis Virus (IMNV) on Pacific White Shrimp, *Litopenaeus vannamei* in Indonesia - Taufhid (Research Institute for Freshwater Aquaculture, Indonesia)
- 2:40-3:20 Plenary Lecture 7: Surveillance and Epidemiology of Crustacean Viruses - Dr. Flavio Corsin (Vietnam)
- 3:20-3:40 Multi-Gene Sequence Analysis Distinguishes Ten Philippine *Vibrio* Isolates Pathogenic to Shrimp from Type Strains *V. harveyi* and *V. campbellii* - Dr. Cynthia T. Hedreyda (University of the Philippines, Philippines)
- 3:40-4:00 Break/Poster Viewing
- 4:00-4:20 Presentation of Workshop Report on Fish Diseases
- 4:20-4:40 Open Forum/Discussion
- 4:40-5:00 Presentation of Workshop Report on Shellfish Diseases
- 5:00-5:20 Open Forum/Discussion
- 5:20-6:00 Closing Ceremony  
Impressions on the Conference/Workshop - Dr. Takaji Iida (Director of Pathology Division, National Research Institute of Aquaculture, Japan)  
Closing Remarks - Mr. Hideki Tsubata (Deputy Secretary General, SEAFDEC)