

Impeccable Growth of the Aquaculture & Fisheries Sector

May 28-29, 2018
London, UK

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SCHEDULE

09:00-09:30

REGISTRATION

09:30-12:30

KEYNOTE

12:30-14:30

LUNCH

14:30-16:30

WORKSHOPS

16:30-17:30

SESSION TALKS

17:30-18:30

NETWORKING

AQUA EUROPE 2018

PROGRAM AT A GLANCE



DATE: May 28-29, 2018

LONDON, UK

Conference Series Ltd extends its welcome to **10th Euro-Global Summit on Aquaculture & Fisheries** during **May 28-29, 2018** at **London, UK** with a theme **"Impeccable Growth of the Aquaculture & Fisheries Sector"**. Participating at **Aqua Europe 2018** will provide an exceptional opportunity to interact with world-class Aquaculture Specialists and fisheries Experts in the field creating a channel for collaborations and partnerships.

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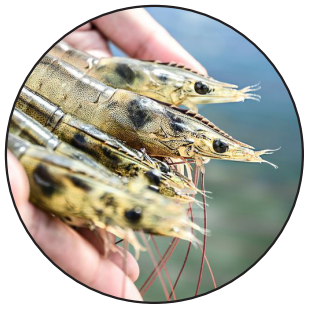
KEY SESSIONS

- Aqua Farming- Techniques & Methods Extensive Culture System
- Semi-Intensive Culture System
- Intensive Culture System
- Shrimp Farming & Other Crustacean Farming
- Recirculating Aquaculture Systems – RAS
- Aquaponics
- Aquaculture Diseases & Health Management
- Fisheries & Livestock Production
- Feed & Nutrition
- Aquaculture & Environment Interactions
- Diversification in Aquaculture
- Oceanography
- Marine Biology
- Nutrition delivery and feeding practices
- Ingredient formulation and processing









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Scientific Program

5th Euro Global Summit on Aquaculture & Fisheries

March 30-31, 2017 Madrid, Spain



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Day 1 | March 30, 2017

Registrations

Cordoba

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Shellfish aquaculture–Environmental interaction in relation to the impact of aquatic invasive species

Thomas Landry, Department of Fisheries and Oceans, Canada

Networking & Refreshments

Title: Fish domestication in aquaculture: Trends and emerging questions

Fabrice Teletchea, University of Lorraine, France

Workshop

Title: *Nannochloropsis limnetica* (Eustigmatophyceae): A new freshwater microalga for rotifer feed in marine hatcheries

Federico G Witt, AlgaEnergy S A, Spain

Group Photo

Lunch Break

Title: Tumor necrosis factor receptor-associated factor 6 (TRAF6) from mud crab participates in anti-lipopolysaccharide factors (ALFs) gene expression

Shengkang Li, Shantou University, China

Oral Session 1

Aquatic Ecosystem and Aqua Farming Method | Targets and Tools for Selective Breeding of Aquaculture Species | Food Safety in Aquaculture | Biosecurity in Aquaculture

Session Chair: Thomas Landry, Department of Fisheries and Oceans, Canada
Session Co-Chair: Zuoxi Ruan, Shantou University, China

Session Introduction

Title: Experimental advances in shellfish offshore zone production in basque country (SE Bay of Biscay)

Luis Lagos, AZTI, Spain

Title: Effect of resveratrol and genistein on Δ6-desaturase expression and protein levels in rainbow trout

Claudia Grimm, Gesellschaft fuer Marine Aquakultur mbH, Germany

Title: Sardine oil as a source of lipid in the diet of giant freshwater prawn, *Macrobrachium rosenbergii*

Ramachandra Naik A T, College of Fisheries, India

Title: Determination of effective parameters on growth rate and protein content of *Spirulina platensis* under laboratory condition

Mohammad Gorgij Jaski, Islamic Azad University, Iran

Networking & Refreshments

Title: Evaluation of the productive performance characteristics of Nile tilapia, *Oreochromis niloticus* under the effect of DNA transfer

Samy Yehya El-Zaeem, Alexandria University, Egypt

Title: Functional elucidation of *PvRaf* from *Penaeus vannamei* using RNA interference

Joseph Carlo V. Vergel, University of Santo Tomas, Philippines

Panel Discussions

Session Adjournment

Day 2 | March 31, 2017

Cordoba

Keynote Forum

Title: Recent research on largemouth bass production and fillet nutritional characterization of freshwater fish species in Portugal

Antonio Moitinho Rodrigues, Instituto Politecnico de Castelo Branco, Portugal

Workshop

Title: The influence of the N source on C allocation in the cyanobacterium *Synechococcus* sp. depends on energy availability

Zuoxi Ruan, Shantou University, China

Networking & Refreshments

Title: Study on genes involved in biosynthesis of PUFA in marine bivalves

Zheng Huaiping, Shantou University, China

Oral Session 2

Aquaculture Disease, Diagnostic and Health Management | Hydroponics: Present and Future | Biochemistry of Marine Animals | Aquaculture Waste Management

Session Chair: Antonio Moitinho Rodrigues, Instituto Politécnico de Castelo Branco, Portugal
Session Co-Chair: Anjanayappa H N, College of Fisheries, India

Title: A critical reappraisal of fisheries in Saint-Pierre et Miquelon with emphasis on the economic, social and political consequences of the Northern cod collapse in the late 1980s.

Fabrice Teletchea, University of Lorraine, France

Title: Breeding biology of *Priacanthus hamrur* (Forsskal) of Mangalore coast, Karnataka, India

Anjanayappa H N, College of Fisheries, India

Lunch Break

Title: Evaluation of Pacific white shrimp *Litopenaeus vannamei* (Boone, 1931) culturing management in Teyab farms, Hormozgan, Iran

Kiuomars Rohani-Ghadikolaei, Agricultural Research- Education & Extension Organization, Iran

Title: The impact of climate change on species and number of fish on Tigris river in Mosul Dam/Duhok, Kurdistan Region of Iraq

Shokri Omar Mustafa, Ministry of Agriculture and Water Resources- Kurdistan Regional Government, Iraq

Title: Development of probiotics based culture system of *Macrobrachium rosenbergii* using different stocking densities

Istiaq Ahmad Chowdhury, University of Chittagong, Bangladesh

Poster Presentations

Session Judge: Fabrice Teletchea, University of Lorraine, France

AE-101

Title: Identification and characterization of a 18.4kDa antimicrobial truncation from shrimp *Litopenaeus vannamei* hemocyanin upon *Vibrio parahaemolyticus* infection

Yue Ling Zhang, Shantou University, China

AE-102

Title: Tascmar: Development of new tools and strategies to overcome existing bottlenecks in the discovery and application of biomolecules derived from the sea

Carolina Alonso Pozas, iMare Natural SL, Spain

AE-103

Title: Studies on biodiversity of pelagic fishes of Mangalore coast, Karnataka, India

Nayana P, College of Fisheries, India

AE-104	**Title: Culture improvements of mesophotic species with biotechnological interest in the framework of TASCMAR project** **Pedro Antonio Alvarez Molina,** iMare Natural S L, Spain
AE-105	**Title: Reproductive biology of fringe-lipped carp, *Labeo fimbriatus* (Bloch) from Vanivilas Sagar Reservoir of Karnataka, India** **Rajanna K B,** Fisheries Research and Information Centre, India
AE-106	**Title: Length–weight relationship and relative condition factor of *Atropus atropos* (Bloch and Schneider, 1801) from Mangalore coast, India** **Rajesh D P,** College of Fisheries, India
AE-107	**Title: A life cycle assessment of gilt-head seabream (*Sparus aurata* L.) aquaculture using different fish feeds** **Sergio Calle Lobo,** Lund University, Sweden
AE-108	**Title: Evidences of abundant hemocyanin variants in shrimp *Litopenaeus vannamei*** **Yue Ling Zhang,** Shantou University, China
AE-109	**Title: Phenotype of *Aeromonas salmonicida* subsp. *salmonicida* cyclic adenosine 3',5'- monophosphate receptor protein (Crp) mutants and its virulence in rainbow trout *(Oncorhynchus mykiss)*** **Katherinne Valderrama Rios,** Catholic University of North, Chile

Networking & Refreshments

Panel Discussions

Closing Ceremony



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Day 1

Registrations

Meeting Room 10

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Opening Ceremony

Keynote Forum

Introduction

Title: EU aquaculture related to world situation

Bernhard Feneis, Federation of European Aquaculture Producers, Germany

Title: Zebra fish : A biological model organism

Heiko Bleher, Aquapress Publishers, Italy

Network and Refreshments Break

Group Photo

Workshop on
Title: Aquaculture Finance & Derivatives
Christian Oliver Ewald, University of Glasgow, UK

Session 1

Aquatic Farming Methods: Hatchery, Nutrition and Feed Management
Fish Habitat, Ecology and Conservation
Comparative Biology of Aquatic Species
Aquaculture Related Diseases and Health Management
Aquaponics- Planning, Construction and Maintainance

Session Chair: Helmut Wedekind, Institute for Fisheries of the Bavarian States Research Center, Germany
Session Co-Chair: Bernhard Feneis, Federation of European Aquaculture Producers, Germany

Session Introduction

Title: Recirculating aquaculture – Status and developments
Helmut Wedekind, Institute for Fisheries of the Bavarian States Research Center, Germany
Title: Fish diseases and treatment in the light of EU Law
Bernhard Feneis, German Aquaculture Association, Germany
Title: Effects of dietary propolis and Vitamin E on growth performance and antioxidant status in juvenile rainbow trout *Oncorhynchus mykiss* under different flow rate
Guluzar Tuna Kelestemur, Firat University, Turkey
Title: The potentail of crude palm oil as a dietary lipid source in the practical diets of hybrid grouper *Epinephelus fuscoguttatus x Epinephelus lanceolatus*
Rossita Shapawi, Universiti Malaysia Sabah, Malaysia

Lunch Break

Title: Evaluation of essential oils as a glazing material for frozen rainbow trout (*Oncorhynchus mykiss*) fillet
Ozlem Emir Coban, Firat University, Turkey
Title: The struggle to convince traditional fishermen to become aquaculturists in Southeast Brazil
Luiz Fernando Loureiro Fernandes, Universidade Federal do Espírito Santo, Brazil
Title: Culture-based fisheries based on biomanipualtion bring about better economic benefits and biodiversity recovery in lakes of China
Jiashou Liu, Chinese Academy of Sciences, China
Title: Physiological and immune responses of Atlantic salmon after high stocking density stress in RAS
Jun Li, Chinese Academy of Sciences, China
Title: Aquaculture in China: Achievements, challenges and perstectives
Zhongjie Li, Chinese Academy of Sciences, China
Title: Disease hazards of petroleum hydrocarbons contamination in *Gafrarium pectinatum* (LINNAEUS, 1758) from Egyptian lake Temsah
Iman Abumourad, National Research Centre, Eygpt
Title:The existence of kisspeptin-like peptides and effects on ovarian development and maturation in the giant freshwater prawn, *Macrobrachium rosenbergii*
Tipsuda Thongbuakaew, Mahidol University, Thailand

Network and Refreshments Break

Title: Research and application of aquatic animal eco-nutrition based on industrialized culture
Yong Li, Chinese Academy of Sciences, China
Title: The effect of preservatives on the keeping quality of spiced dried tuna sticks (*Katsuwonus pelamis*)
Wilma Q Chua, Cagayan State University, Philippines
Title: Research and application of aquatic animal eco-nutrition based on industrialized culture
Xian Li, Chinese Academy of Sciences, China
Title: An assessment of the current status and future potential of the fresh water and marine aquaculture of Barramundi (*Lates calcarifer*) industries in Cairns region 2015
Mossamat Rashida Akter, James Cook University, Australia

Day 2

Meeting Room 10

Workshop
Title: Animal Welfare in Aquaculture
Helmut Wedekind, Bavarian States Research Center for Agriculture, Germany

Session 2
RAS- Recirculating Aquaculture Systems
Aquatic Biology- Immunology, Physiology, Toxicology
Diversification in Aquaculture
Aquaculture Environment Interactions- Measuring, Modelling and Mitigation
Aquaculture Law and Policy

Session Chair: Paul B Brown, Purdue University, USA
Session Co-Chair: Junda Lin, Florida Institute of Technology, USA

Session Introduction

Title: Length weight relationships and condition factor of snapper (*Lutjanus russelli*), pony fish pepetek (*Leiognathus fasciatus*) and white-spotted spinefoot (*Siganus canaliculatus*) harvested from Ulelhee Bay, Banda Aceh City, Indonesia
Zainal Abidin Muchlisin, Syiah Kuala University, Indonesia

Network and Refreshments Break

Title: SCUBA diving and diversity of edible bivalve and gastropod molluscs from Raigad, Ratnagiri, Maharashtra, west coast of India
Sunil Narayan Khade, Phulsing Naik College, India
Title: Preliminary Study: Effect of feeding frequency on growth, feed conversion ratio and specific growth rate of red Tilapia, *Oreochromis Sp*
Esther Michelle Gunben, Polytechnic of Sandakan, Malaysia
Title: Documentation and inventory of aramang stocks *N. tenuipes* in northern Cagayan, Phillipines
Lenimfa P Molina, Cagayan State University, Philippines
Title: Replacement of fish meal with poultry by-product meal in the formulated feeds for a commonly cultured grouper in Malaysia
Esther Michelle Gunben, Polytechnic of Sandakan, Malaysia
Title: Iran shrimp industry strategic planning, Vision 2025
Khosrow Aein Jamshid, Iranian Fisheries Science Research Institute, Iran
Title: Comparison of omega3 fatty acids amount in male and female of *Otolithesruber* in Abadan and Khorramshahrs coated water
Mojgan Khodadadi, Islamic Azad University, Iran

Lunch Break

Title: "AVISHIT", A new herbal drug for substitution of Malachite green
Sharif Rohani M, Iranian Fisheries Science Research Institute, Iran
Title: Water quality and sediment conditions in white shrimp *Litopenaeus vannamei* (boone) pond during the cultivation period in Iran
Kiuomars Rohani Ghadikolaei, Ecological Research Institute, Iran
Title: Post-escape movements and habitat use of farmed sea *bream Sparusauratain* the eastern Adriatic Sea
Tanja Šegvić-Bubić, Institute of Oceanography and Fisheries,Croatia
Title: Evaluation of health status on complete replacement of animal protein with plant protein (33 %: replacing fish trash) of *L. leucocephala* pod seed
Vipin Kumar Verma, University of Delhi, India

Poster Presentations:

Young Researchers Forum

Session Chair: Chair: Ying Liu, Chinese Academy of Sciences, China
Session Co-Chair: Shi Yen Shiau, National Taiwan Ocean University, Taiwan

Session Introduction

Title: Combined interaction of size phenotype of donor and recipient pearl oyster and gene expression on final pearl growth in *Pinctada margaritifera*
Carole Blay, Ifremer, France
Title: Stress and fish welfare - non-invasive measurement of Cortisolin fish holding water
Kay Lubke, Bavarian States Research Center for Agriculture, Germany
Title: Effect of starvation on hepatopancreas of whiteleg shrimp *(Penaeus vannamei)* using computer-assisted image analysis on paraffin and frozen sections
Fabio Cervellione, Skretting Aquaculture Research Centre, Norway

Network and Refreshments Break

Title: Development and application of a real-time PCR assay for the detection of *Aeromonas salmonicida*
Yishuai Du, Chinese Academy of Sciences, China
Title:Do aquatic insect change over time and space? A study from different lentic ecosystems of Cachar district, Assam, India
Arpita Dalal, Assam University, India
Title: Pre-treatment of phytochemical (Tribulus extract) alleviates intra-follicular oxidative stress and ameliorates oocyte maturation in catfish
Mahammed Moniruzzaman, University of Calcutta, India
Title: Parasite-host interactions at elevated temperatures- Getting into hot water: Sick guppies frequent warmer thermal conditions
Ryan S. Mohammed, The University of the West Indies, Trinidad and Tobago
Title: Population genetic structure of *Scomberomorus commerson* from Persian Gulf, Oman Sea and Arabian Sea and Thunnus tonggol from Oman Sea using sequence analysis of the mitochondrial DNA D-loop region
Ana Mansourkiaei, Islamic Azad University, Iran
Title: Culture of *Spirulina platensis* in different source of nitrogen for optimizing of protein content
Mohammad Gorgij Jaski, Bandar Abbass Azad University, Iran

Poster Presentations:

Title: Protein requirement in the granulated microdiet for larval rockfish *(Sebastes schlegeli)*
Hee Sung Kim, Korea Maritime and Ocean University, Korea
Title: Lipid requirement in the granulated microdiet for larval rockfish *(Sebastes schlegeli)*
Hee Sung Kim, Korea Maritime and Ocean University, Korea
Title: Genetic and morphological characteristics of wild populations and captive stocks of the noble crayfish *(Astacus astacus L.)* in Estonia"
Katrin Kaldre, Estonian University of Life Sciences, Estonia
Title: To induce brood stock of *Heterobranchus longifilis* using a synthetic hormone
Romanus Keke, Imo State University, Nigeria
Title: Application of breeding methods to production genetically improved farmed Nile tilapia, *Oreochromis niloticus*
Fawzia S, National institute of Oceanography and Fisheries (NIOF), Kasr El Aini, Egypt
Title: Evaluation of immunogical genes at gill of *Ictalurus punctatus* immunized with live theronts of *Ichthyophthirius multifiliis*
Gabriel S. A. Moreira, University of Sao Paulo, Brazil
Title: Exogenous proteinases recovered from fishery waste as feed supplement for Nile tilapia (*Oreochromis niloticus*)
Yamila Eliana Rodriguez, Universidad Nacional de Mar del Plata, Argentina
Title: Application of new medicinal plant as prophylactic treatment for epizootic ulceration syndrome
Laila Elarraj, INRH, Morocco

Day 3

Extended Networking and Lunch

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08:30 - 09:00 Registrations

Quay 2

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Opening Ceremony

Keynote Forum

Introduction

Networking & Refreshments

Niels O G Jorgensen
University of Copenhagen, Denmark

Kirsten Heimann
James Cook University, Australia

Group Photo

Quay 2

Track 1: Aquatic Ecosystem and Aqua Farming Methods
Track 3: Comparative Biology of Aquatic Species
Track 4: Aquaculture and Biosystem Research
Track 9: Aquatic Immunology
Track 10: Aquatic Physiology
Track 14: Aquatic Toxicology

Session Chair: W Lindsey White, Auckland University of Technology, New Zealand
Session Co-chair: Werner Kloas, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Germany

Session Introduction

Title: World seaweed utilization: A summary
W Lindsey White, Auckland University of Technology, New Zealand
Title: A new concept for aquaponic systems to improve sustainability, increase productivity, and reduce environmental impacts
Werner Kloas, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Germany
Title: Tasmanian salmonid aquaculture: Historical perspectives and future drivers of research in physiology and nutrition
Chris G Carter, University of Tasmania, Australia
Title: Sensorial and skeletal ontogenesis: A useful tool for the optimization of larval rearing of new candidate species for aquaculture
Clara Boglione, University of Rome Tor Vergata, Italy
Title: Orange gills in *Litopenaeus stylirostris* : A new phenomenon in caledonian shrimp ponds
Nelly Wabete, IFREMER, New Caledonia
Title: Ornamental aquatic plants industry in Sri Lanka with special reference to constraints for booming
Shyamalie D Senadheera, Ocean University of Sri Lanka, Sri Lanka

Lunch Break

Title: Life cycle of a benthic harpacticoid, *Amphiascoides neglectus* Lang, 1965 in laboratory condition and effect of some environmental factors on the population growth
Zaleha Kassim, International Islamic University, Malaysia
Title: Polyculture of freshwater *Clambatissa violacea* and genetically improved farmed tilapia (GIFT) *Oreochromis niloticus*
Eunice A Layugan, Cagayan State University, Philippines
Title: Rotational culture of the sea cucumber *Holothuria scabra* with the shrimp *Liptopenaeus stylirostris*: Trade-off between growth performance and bioremediation, comparison with shrimp monoculture
Sébastien Hochard, IFREMER, New Caledonia
Title: Prospects of aquaculture development along the persian gulf coast of United Arab Emirates: Transfer of australian aquaculture technologies to middle east
Muhammad Naeem Khan, University of the Punjab, Pakistan
Title: The quantitative trace level analysis of heavy metals through inductively coupled plasma-optical emission spectrophotometer in fish samples collected from fresh water aquaculture
Kashifa Naghma Waheed, Fisheries Research & Training Institute, Pakistan
Title: Reproductive analysis of Indus mahseer *Tor macrolepis* (Heckel, 1838) (Teleostei: Cyprinidae)
Khalid Pervaiz, Fisheries Research & Training Institute, Pakistan
Title: A new record of Squat lobster munida curvipes benedict, 1902 (Crustacea: Decapoda: Galatheidae), off Thoothukudi coast of Gulf of Mannar, India
Vaitheeswaran Thiruvengadam, Rarbio Energies Private Limited, India

Networking & Refreshments

Day 2

Keynote Forum

Roel H Bosma
Wageningen University, Netherlands

Osman Samsun
Sinop University, Turkey

Networking & Refreshments

Poster Session

Quay 2

Track 2: Fish Habitat Ecology and Conservation
Track 4: Aquaculture and Biosystem Research
Track 5: Aquatic Organism's Byproducts and Their Applications
Track 7: Zebra Fish: A Biological Model Organism
Track 8: Diversification in Aquaculture
Session Chair: Kirsten Heimann, James Cook University, Australia
Session Co-chair: Chaoshu Zeng, James Cook University, Australia

Session Introduction

Title: Embryonic learning of chemical cues via the parents host in Anemonefish (*Amphiprion ocellaris*)
Kazuko Miyagawa Kohshima, Wildlife Research Center of Kyoto University, Japan

Title: The role of the sediment in the functioning of semi-intensive shrimp pond ecosystem: Focus on the benthic primary production
Sébastien Hochard, ADECAL Technopole, New Caledonia

Title: Growth and biochemical responses to dietary starch and protein levels in Nile tilapia (*Oreochromis niloticus*)
Jidan Ye, Fisheries College of Jimei University, China

Title: Increasing yield by managing aquatic microbiological communities
Mike Moore, Keeton Industries Inc., USA

Title: The new method of seaweed cultivation in Indonesia
Maruf Kasim, Universitas Halu Oleo, Indonesia

Title: Effects of live tubificid worms on growth performance and survival of stinging catfish, *Heteropneustes fossilis* (Bloch, 1794)
Anwar Hossain, University of Dhaka, Bangladesh

Title: Photoperiodism in the somatic growth and gonad production and quality of the sea urchin *Tripneustes gratilla*
Facundo B Asia, Mariano Marcos State University, Philippines

Title: Pesticide residues in aquatic organisms: Fish and frog
K S Tilak, Acharya Nagarjuna University, India

Title: Comparison of *Nannochloropsis* sp. cultivated in photobioreactor and open raceway pond
Mujizat Kawaroe, Bogor Agricultural University, Indonesia

Lunch Break

Title: Documentation and inventory of aramang stocks *N. tenuipes* in northern Cagayan, Phillipines
Lenimfa P Molina, Cagayan State University, Philippines

Title: Influence of *Lactobacillus acidophilus* supplementation on digestive enzyme activities, gut histomorphology and microflora of striped catfish (*Pangasianodon hypophthalmus* Sauvage, 1878) juveniles
Mst Nahid Akter, Universiti Sains Malaysia, Malaysia

Title: Toxicity and other effects of pesticides to fresh water fishes
K S Tilak, Acharya Nagarjuna University, India

Networking & Refreshments

Young Researcher Forum

Young Researcher Forum Session Judges

Session Judges:
Roel H Bosma, Wageningen University, Netherlands
Niels O G Jorgensen, University of Copenhagen, Denmark
Osman Samsun, Sinop University, Turkey

Title: Swimming performance of juvenile temperate fish in response to climate change
Nastaran Mazloumi, University of Adelaide, Australia

Title: Patenting genetic material in aquaculture: a red herring or an emerging issue to tackle?
Fran Humphries, Griffith University, Australia

Title: Potential efficacy of nanodelivery of DNA vaccine using chitosan nanoparticles against *Edwardsiella tarda*
Sajal Kole, Central Institute of Fisheries Education (CIFE), India

Title: The cultivation of red seaweed (Rhodophytes, *Kappaphycus* sp.) in raceway culture system
Wahidatul Husna Zuldin, Universiti Malaysia Sabah, Malaysia

Title: Determination of the antioxidant activity of some common seaweeds in Sri Lanka
Surendra Isiri Hiranyada Wickrama, Rajarata University of Sri Lanka, Srilanka

Title: Use of vegetable waste as sole feed in the diet of rohu fingerlings (*Labeo rohita*)
Fawad Aziz, Quaid-i-Azam University, Pakistan

Title: Development of ready to serve restructured surimi product from minced meat of Leather Jacket (*Triacanthus brevirosterus*)
K Hema, Tamilnadu Fisheries University, India

Title: Expression profiles of two downstream signalling molecules of Toll-pathway in Tiger shrimp (*Penaeus monodon*), Cactus and Dorsal genes in response to infection with white spot syndrome virus and *Vibrio harveyi*
Deepika Anand, Central Institute of Fisheries Education (CIFE), India
Title: Sulfated polysaccharide from Sargassum spp. in Bolinao, Pangasinan, Philippines
Nieva J A, The Marine Science Institute, Malaysia
Title: Mesozooplankton's diversity and distribution between Cape Blanc (21°N) and Cape Boujdor (26°N): Moroccan Atlantic Coast
Laila El Arraj, University Hassan II of Casablanca, Morocco
Title: Some culture management indices affecting on great Sturgeon (*Huso huso*) production in the caspian sea region, I.R of Iran
Elham Maghsoudloo, Sturgeon Fish Co., Iran
Title: Characterization and comparison of genetic strains in Clariid species and *Clarias gariepinus* using microsatellite markers in the African and aborigines regions
Bashiru Ayobami Ismaila, University of Lagos, Nigeria

Day 3

Quay 2

Special Session on Aquaculture Law and Policy

Session Chair: David Vander Zwaag, Dalhousie University, Canada
Session Co-chair: Katherine Hawes, Aquarius Lawyers, Australia

Session Introduction

Title: Towards sustainable aquaculture: Navigating international law and policy currents
David Vander Zwaag, Dalhousie University, Canada
Title: Non-compliance with international laws and why you need to know this in order to grow your businees
Katherine Hawes, Aquarius Lawyers, Australia
Title: Australian aquaculture governance
Marcus Haward, University of Tasmania, Australia
Title: New Zealand's aquaculture law and policy framework
Karen N Scott, Australian and New Zealand Society of International Law, New Zealand
Title: Regional governance of the relation between aquaculture and wild salmon in the north Atlantic
Irene Dahl, Artic University of Norway, Norway

Networking & Refreshments

Title: Governance of aquaculture in Canada: Regulation, property rights and constitutional impediments
Phillip Saunders, Dalhousie University, Canada

Workshop on Food Security & Aquaculture Development (MENA) Middle East North Africa

Prathapachandra Shetty, Emirates Star Fisheries, UAE
Chair: Chaoshu Zeng, James Cook University, Australia
Co-chair: Prathapachandra Shetty, Emirates Star Fisheries, UAE

Session Introduction

Title: Deciphering the epidemiology of Three Myxozoan parasites (Myxosporea: Myxobolidae) isolated from wild African sharptooth catfish, *Clarias gariepinus*
Hany M R Abdel Latif, Alexandria University, Eygpt
Title: Possibility of disease control by ambient dissolved oxygen level
Masashi Maita, Tokyo University of Marine Science and Technology, Japan
Title: Novel media for the culture of the salmonid pathogen *Piscirickettsia salmonis* and their biotechnological uses in the salmon industry
Alejandro J Yanez Carcamo, Universidad Austral de Chile, Chile
Title: Designing indonesia fish logistics system with based on central Sulawesi resource
Mohammad Nofal, Tadulako University, Indonesia
Title: Assessment of some plant products for the control of smoked fish pest, *Dermestes maculatus* degeer (Coleoptera: Dermestidae) in *Clariasgariepinus burchell* (Pisces: Clariidae)
Felix Olusegun Akinwumi, Adekunle Ajasin University, Nigeria

Lunch Break

Title: Comparative transcriptomic studies on food intake regulation in mandarin fish and grass carp
Xu-Fang Liang, Huazhong Agricultural University, China
Title: Microbial load of fresh water snail (*Pila ovata*) from Nembe Creek, Niger delta, Nigeria
Ogheneughwe Akise, Federal University, Nigeria
Title: Effect of water temperature management on the hatching rate and larvae production of white leg shrimp (*Litopenaeus vannami*) in shrimp hatcheries of Sistan & Baluchistan province, South-east of Iran
Javad Ghasemzadeh, Chabahar Maritime University, Iran
Title: The improvement of intensive culture system technology on Mud crab using different dosage of artificial feeds on lipid source of the growth and survival rate
Istiyanto Samidjan, Diponegoro University, Indonesia
Title: Iran seafood marketing challenges
Babataher Alizadeh, Fisheries & Co., Iran

Award Ceremony & Closing Remarks

Networking & Refreshments