

Larvanet annual meeting

HCMR Aquarium, Rhodes

18-19th October 2011

Local organizer: Nikos Papandroulakis

Provisional Programme:

18th October 2010

MORNING SESSION

9:00-11:15 h: MC meeting ([MC members only](#))

11:30-13:15: Oral presentations ([open session](#))

Trina Galloway, Synnøve Helland, Morten Rye, Elin Kjørsvik, Marisol Izquierdo, Torbjørn Åsgård, Lee Fuiman, Gert Flik, Karin Pittman, Michalis Pavlidis, Giorgos Koumondouros, Pantelis Katharios, Kiron Viswanath, Jan Rombout and Grete Bæverfjord "Status of review paper - Quality indicators and predictors in farmed marine fish larvae and juveniles"

Lee A. Fuiman, Kestrel O. Perez, and Alfredo F. Ojanguren "Dynamics of Maternal Transfer of Fatty Acids to Eggs in Red Drum"

Pantelis Katharios, Jan Rombout and Kiron Viswanath "Immunocompetence and disease resistance as potential quality indicators and predictors in marine fish larvae".

Synnøve Helland, Philippe Mack, Courtney Hough and Grete Bæverfjord "From data collection to improving performance".

13:15-14:15h Lunch

AFTERNOON SESSION

14:15-17:30: Working groups meeting

WG1: ([first hour closed session, remaining open session](#))

- Summary of review conclusions from each review leader,
- making prioritised list of research needs WITH area of impact stated at a societal or production level, not at a scientific level.
- proposal for "next step" where we can preferably get science writers interested in our work for popularization.

WG2: ([closed session](#))

- Discussions about review paper between authors
- Establish LARVANET group to interact with FINEFISH for testing of database

WG3: (closed session)

- Summarize the findings of the previous period on constraints for the following topics: bream/bass larval rearing; new warm water species; new cold water species; wrasse aquaculture; feeds/enrichments; Diseases; management / economics

17:30-18:30: All WG: Summary of activities by WG leaders and coordination (open session)

19th October 2010

9:00-12:30: All WG - AQUA2011 Session “Finfish hatchery production”, co-organized by EAS and LARVANET.

LARVANET COST ACTION: A MULTIDISCIPLINARY NETWORK ON CRITICAL SUCCESS FACTORS FOR FISH LARVAL PRODUCTION IN EUROPEAN AQUACULTURE*

Amos Tandler et al.

IMPACT OF LIGHT ON BEHAVIOURAL RESPONSES OF EUROPEAN SEA BASS *Dicentrarchus labrax* LARVAE AND *Artemia* sp. *

Natalia Villamizar et al.

THERMAL PLASTICITY OF MUSCLE CELLULARITY AND GENE EXPRESSION IN SENEGALESE SOLE *Solea senegalensis* *

Catarina Campos et al.

EFFECTS OF AXENITY AND DISINFECTION ON GROWTH AND DEFORMITIES OF EARLY LARVAL SEABASS *Dicentrarchus labrax* L. *

Spyridon Nikolakakis et al.

GROWTH AND FOOD CONSUMPTION OF PIKEPERCH (*Sander lucioperca*) EARLY LIFE STAGES REVEALED BY INDIVIDUAL REARING EXPERIMENTS *

Fabian Schäfer et al.

VITAMIN A AND THYROID HORMONE IN VIVO CROSSTALK AT TISSUE AND TRANSCRIPTIONAL LEVEL DURING LARVAL DEVELOPMENT OF *Solea senegalensis* *

Ignacio Fernández et al.

ONTOGENY OF THE ALIMENTARY TRACT IN CULTURED SHI DRUM (*Umbrina cirrosa*, L.) LARVAE

Sema Ozturk *

HORMONAL CONTROL OF TRYPTIC ACTIVITY IN MARINE FISH LARVAE: ONTOGENY AND DIURNAL RHYTHM*

Robert Tillner et al.

SWIM BLADDER HYPERINFLATION IN BURBOT *Lota lota* (L., 1758) LARVAE *

Anamaria Rekecki

MOLECULAR BASIS OF PIGMENT PATTERN DEFECTS IN FINFISH SPECIES: IMPLICATIONS FOR A SUSTAINABLE FLATFISH AQUACULTURE

Josep Rotllant et al.

EFFECT OF PROBIOTIC ADMINISTRATION ON SURVIVAL AND GROWTH RATE OF TURBOT

Scophthalmus maximus LARVAE

Paula Daga et al.

INDUCING DRINKING BEHAVIOR OF NILE TILAPIA LARVAE IN SALINE WATER: A WAY TO INFLUENCE GUT MICROBIOTA?

Christos Giatsis et al.

MORPHOLOGICAL VARIATIONS IN *Dentex dentex* JUVENILES REARED WITH TWO DIFFERENT METHODS

Dimitris Sfakianakis et al.

EARLY WEANING AS A TOOL TO ENHANCE LARVAL REARING IN INDUSTRIAL HATCHERY OPERATIONS

Philippe Dhert et al.

COST EVALUATION OF SEA BREAM AND SEA BASS LARVAL PRODUCTION IN GREEK HATCHERIES

Nikolaos Pappas et al.

FOOD, FEEDING PROTOCOLS AND FEEDING BEHAVIOUR IN LARVAL FISH

Manuel Yúfera

SHORT TERM RESPONSES IN LARVAL COD *Gadus morhua* TO VISUAL ENVIRONMENT: A MICRO SCALE SCREENING APPROACH.

Ove Nicolaisen et al.

EFFECTS OF LIVE FEED QUALITY ON COD (*Gadus morhua* L.) LARVAL DIGESTIVE AND MUSCLE MORPHOLOGY, BODY SHAPE, FEEDING ACTIVITY, DEFORMITIES, AND STRESS RESPONSE

Elin Kjørsvik et al.

Argyrosomus regius LARVAL REARING PROTOCOLS

Ana Candeias Mendes

THE USE OF INACTIVATED MICROBIAL PREPARATIONS TO IMPROVE THE CULTURE PRODUCTIVITY OF *Acartia tonsa*

Guillaume Drillet et al.

ALGAE – BENTHIC COPEPODS – FISH LARVAE: TESTING AN AQUACULTURE FOOD CHAIN WITH EMPHASIS ON FATTY ACIDS

Carmen Arndt

PARTICLE SELECTION BEHAVIOUR AND IMPLICATIONS FOR DIETS IN THE HATCHERY CULTURE OF SPAT OF THE GREEN-LIPPED MUSSEL *Perna canaliculus*

Yue Gui et al.

ONTOGENETIC DEVELOPMENT OF DIGESTIVE ENZYMES (PANCREATIC ENZYMES) IN FERAL CARP (*Cyprinus carpio*) LARVAE

AbdolMohammad Abedian Kenari et al.

ASSESSMENT OF FRESHWATER FISH SEED RESOURCES (TILAPIA) IN EGYPT FOR SUSTAINABLE AQUACULTURE

Samia Hashish et al.

OSMOLARITY AND CORTISOL LEVELS CHANGES IN THE PLASMA OF FOUR SPECIES JUVENILE STURGEON IN THE DIRECT TRANSFER FROM FRESHWATER TO BRACKISH WATER

S.M.Vahid Farabi et al.

THE SALINITY EFFECTS ON IONIC REGULATION OF PERSIAN STURGEONS *A. persicus* EMBRYOS

Maryam Mardaneh Khatooni et al.

*** LARVANET presentations.**