



INTERNATIONAL
CONFERENCE

Advances in Mediterranean Aquaculture

TOPIC

Exchanging information on the
most recent trends of
Mediterranean Aquaculture



**SARDEGNA
RICERCHE**



Fondazione
Banco di Sardegna

Italian and International speakers from Universities and Research Centres will attend to the Conference.

Porto Conte Ricerche will introduce the final results of the project "Protocols for assessing quality and traceability of aquaculture products". Application of innovative proteomics technologies, chemical analysis, new techniques for fish farming and to extend shelf life of maricultured seabream.

**29th / 30th
June 2009**

**Porto Conte Ricerche
Loc. Tramariglio – Alghero (SS)
Auditorium**

S.P. Porto Conte – Capo Caccia Km. 8.400

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Day 1 – June 29, 2009

SESSION 1 – 10.30 AM

Marco Saroglia

Molecular approach for the study of the alimentary and nutritional strategies in aquaculture

Giovanni Bernardini

Molecular markers for the animal welfare monitoring in aquaculture

aquaculture nutrition research: potential, achievements and caveats.

Miguel Jover Cerdà

Protein and energy requirements in gilthead seabream

PRANZO

SESSION 2 – 2.30 PM

Fulvio Salati

Recent trends on prophylaxis against the major diseases affecting reared marine finfish

Lorenzo Colombo

Predicaments related to the ecosystemic risk associated with the culture of transgenic fish

Giovanna Marino

Fish welfare in aquaculture: analysis of risks in gilthead seabream and seabass farming

POSTER SESSION AND COCKTAIL

Day 2 – June 30, 2009

SESSIONE 3 – 10.30 AM

Sergio Uzzau

Introduction to the project "Protocols for assessing quality and traceability of aquaculture products"

Roberto Anedda

Protocols for assessing quality and traceability of aquaculture products by means of Nuclear Magnetic Resonance

Roberto Cappuccinelli

New technologies to extend the shelf life of gilthead seabream: HPP, MAP, and edible coating

Sebastiano Banni

Fish fat composition determines its nutritional value. Implications for aquaculture management

Maria Filippa Addis

Proteomic analysis of maricultured seabream: insights into quality, wellness, and pathology

PRANZO

SESSIONE 4 – 2.30 PM

Paolo Melotti

New fish species of interest for Mediterranean aquaculture

Bianca Maria Poli

Freshness and healthy eating quality of farmed fish

Joan CerdàFunctional genomics and proteomics in the flatfish *Solea senegalensis*: insights into the genetic control of gametogenesis

POSTER SESSION AND COCKTAIL

INVITED SPEAKERS AND AFFILIATION

Maria Filippa Addis, Porto Conte Ricerche, Alghero, Italy**Roberto Anedda**, Porto Conte Ricerche, Alghero, Italy**Sebastiano Banni**, Dipartimento di Biologia Sperimentale, Università di Cagliari, Italy**Giovanni Bernardini**, Dipartimento di Biotecnologie e Scienze Molecolari, Università dell'Insubria, Varese, Italy**Roberto Cappuccinelli**, Porto Conte Ricerche, Alghero, Italy**Joan Cerdà**, Institut de Recerca i Tecnologia Agroalimentàries (IRTA) - Institute of Marine Sciences (CSIC) and Center of Aquaculture, Barcelona, Spain**Miguel Jover Cerdà**, Grupo de Acuicultura y Biodiversidad, Instituto de Ciencia y Tecnología Animal, Departamento de Ciencia Animal, Universidad Politécnica de Valencia, Spain**Lorenzo Colombo**, Dipartimento di Biologia, Università di Padova, Italy**Sadasivam Kaushik**, UMR «NuAGE» Nutrition, Aquaculture & Genomics INRA, St-Pée-sur-Nivelle, France**Giovanna Marino**, Dipartimento sull'uso sostenibile delle risorse, Istituto per la Protezione e Ricerca Ambientale (ISPRA), Roma**Paolo Melotti**, Dipartimento di Scienze Veterinarie, Università di Camerino, Italy**Bianca Maria Poli**, Dipartimento di Scienze Zootecniche, Università di Firenze, Italy**Fulvio Salati**, Centro per l'Ittiopatologia e l'Acquacoltura - Istituto Zooprofilattico Sperimentale della Sardegna, Oristano, Italy**Marco Saroglia**, Dipartimento di Biotecnologie e Scienze Molecolari, Università dell'Insubria, Varese, Italy**Sergio Uzzau**, Porto Conte Ricerche, Alghero, Italy