

#### Year 2005:

- ☛ Terova, G., Gornati, R., Rimoldi S., Bernardini, G., Saroglia, M. (2005). Quantification of a glucocorticoid receptor in sea bass (*Dicentrarchus labrax*, L.) reared at high stocking density. *Gene*, 357, 144-151.
- ☛ Gornati R., Papis E., Rimoldi S., Chini V., Terova G., Prati M., Saroglia M., Bernardini G. (2005). Molecular markers for animal biotechnology: sea bass (*Dicentrarchus labrax*, L.) HMG-CoA reductase mRNA. *Gene* 344, 299-305.
- ☛ Gornati R, Gualdoni S, Cavaliere R, Terova G, Saroglia M, Bernardini G (2005): Molecular biology and fish welfare: A winning combination. *Aquaculture International* (1-2): 51-55.

#### Year 2004:

- ☛ Gornati R, Papis E, Rimoldi S, Terova G, Saroglia M, Bernardini G. (2004): Rearing density influences the expression of stress-related genes in sea bass (*Dicentrarchus labrax*, L.). *Gene*. 341:111-8.
- ☛ Gornati R., Terova G., Vigetti D., Prati M., Saroglia M., Bernardini G. (2004): Effects of population density on seabass (*Dicentrarchus labrax*, L.) gene expression. *Aquaculture* 230, 229-239.
- ☛ Ribas L., Planas J.V., Barton B., Monetti C., Bernardini G., Saroglia M., Tort L., Mackenzie S. (2004): a differentially expressed enolase gene isolated from the gilthead sea bream (*Sparus aurata*) under high-density conditions is up-regulated in brain after *in vivo* lipopolysaccharide challenge. *Aquaculture* 241: 195-206.

#### Year 2003:

- ☛ Forneris G., Bellardi S., Palmegiano G.B., Saroglia M., Sicuro B., Gasco L., Zoccarato I. (2003): The use of ozone in trout hatchery to reduce saprolegniasis incidence. *Aquaculture* 221. 157-166.
- ☛ Gornati R., Terova G., Bernardini G., Caricato G., Saroglia M. (2003): Effects of rearing density on sea-brass (*Dicentrarchus labrax*, L.) gene expression. *It. J. Animal Science* 2 (suppl. 1): 607-9.

- TEROVA G., CARICATO G., FRITTELLA M., DE EGUILEOR M., SAROGLIA M., L. PP-. (2003). Water oxygenation and osmo-respiratory compromise in sea bass (*Dicentrarchus labrax*, L.) pp610-612. ITALIAN JOURNAL OF ANIMAL SCIENCE. vol. 2 (suppl.1), pp. 610-612

#### Year 2002:

- CECCHINI S, SAROGLIA M. (2002). Antibody response in sea bass (*Dicentrarchus labrax* L.) in relation to water temperature and oxygenation. AQUACULTURE RESEARCH. vol. 33, pp. 607-613
- MONETTI C., VIGETTI D., PRATI M., BERNARDINI G, TEROVA G, SAROGLIA M., GORNATI R. (2002). I livelli di ossigeno influenzano l'espressione genica nelle branchie di *Dicentrarchus labrax*. BIOLOGIA MARINA MEDITERRANEA. vol. 10, pp. 468-469
- RINALDI L., GRIMALDI A., TETTAMANTI G., TEROVA G., SAROGLIA M., VALVASSORI R., DE EGUILEOR M. (2002). I livelli di ossigeno influenzano l'organizzazione strutturale delle branchie in *Dicentrarchus labrax*. BIOLOGIA MARINA MEDITERRANEA. vol. 10, pp. 1133-1135
- SAROGLIA M., TEROVA G., DE STRADIS A., CAPUTO A. (2002). Morphometric adaptations of sea bass gills to different dissolved oxygen partial pressures J. Fish Biol. 60:1423-1430.

#### Year 2001:

- CECCHINI S., SAROGLIA M., CARICATO G., TEROVA G., SILEO L. (2001). Effects of graded environmental hypercapnia on sea bass (*Dicentrarchus labrax*, L.) feed intake and acid-base balance. AQUACULTURE RESEARCH. vol. 32, pp. 499 - 502
- CECCHINI S., SAROGLIA M., TEROVA G., ALBANESI F. (2001). Detection of antibody response against *Amyloodinium ocellatum* (Brown, 1931) in serum of naturally infected European sea bass by an enzyme-linked immunosorbent assay

(ELISA). BULLETIN OF THE EUROPEAN ASSOCIATION OF FISH PATHOLOGISTS. vol. 21, pp. 104-108

- ☛ CECCHINI S, SAROGLIA M., COGNETTI-VARRIALE A.M, TEROVA G, SABINO G. (2001). Effect of low environmental temperature on embryo development and egg hatching of *Diplectanum aequans* (Monogenea, Diplectanidae), infecting European sea bass (*Dicentrarchus labrax*, L.). FISH PATHOLOGY. vol. 36, pp. 33-34.
- ☛ COSTELLO MJ, GRANT A, DAVIES IM, CECCHINI S, PAPOUTSOGLOU S, QUIGLEY D, SAROGLIA M. (2001). The control of chemicals used in aquaculture in Europe. JOURNAL OF APPLIED ICHTHYOLOGY. vol. 17, pp. 173-180
- ☛ YOUNGSON A.F., DOSDAT A., SAROGLIA M., JORDAN W.C. (2001). Genetic interactions between marine finfish species in European Aquaculture. JOURNAL OF APPLIED ICHTHYOLOGY. vol. 17, pp. 153-162
- ☛ TEROVA G., CECCHINI S., SAROGLIA M., CARICATO G., JENEY Z. (2001). Live food mediated vitamin C transfer in sea bass (*Dicentrarchus labrax*, L.) during first feeding. In: Ascorbic Acid in Aquatic Organisms. Status and Perspectives (Ed. by K. Dabrowski). (pp. 191-210). BOCA RATON: CRC Press (UNITED STATES).

#### Year 2000:

- ☛ CECCHINI S., G. TEROVA, G. CARICATO, SAROGLIA M. (2000). Lysozyme activity in embryos and larvae of sea bass (*Dicentrarchus labrax* L.), spawned by broodstocks fed with vitamin C enriched diets. BULLETIN OF THE EUROPEAN ASSOCIATION OF FISH PATHOLOGISTS. vol. 20, pp. 120-124
- ☛ SAROGLIA M., CECCHINI S., SAROGLIA-TEROVA G. (2000). Review of regulations and monitoring of Italian marine aquaculture. J. Appl. Ichthyol., 16:182-186. JOURNAL OF APPLIED ICHTHYOLOGY. vol. 16, pp. 182-186
- ☛ SAROGLIA M., CECCHINI S., TEROVA G., CAPUTO A., DE STRADIS A. (2000). Influences of environmental temperature and water oxygen concentration on gas diffusion distance in sea bass (*Dicentrarchus labrax*, L.). Fish Physiology and Biochemistry, 23:55-58. FISH PHYSIOLOGY AND BIOCHEMISTRY. pp. 55-58

#### Year 1999:

- GY. PAPP ZS., SAROGLIA M., JENEY ZS., JENEY G., TEROVA G. (1999). Effect of dietary vitamin C on tissue ascorbate and collagen status in sturgeon hybrids (*Acipenser ruthenus* L. x *Acipenser baeri* Brandt). JOURNAL OF APPLIED ICHTHYOLOGY. vol. 15, pp. 258-260

#### Year 1998:

- G. TEROVA, SAROGLIA M., Z.GY.PAPP, S.CECCHINI. (1998). Dynamics of collagen indicating amino acids in embryos and larvae of sea bass (*Dicentrarchus labrax*) and gilthead sea bream (*Sparus aurata*), originated from broodstocks fed different vitamin C content in the diet. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR AND INTEGRATIVE PHYSIOLOGY. vol. 121, pp. 111-118
- G.TEROVA, SAROGLIA M., Z.GY.PAPP, S. CECCHINI. (1998). Ascorbate dynamics in embryos and larvae of sea bass and sea bream, originating from broodstocks fed supplements of ascorbic acid. AQUACULTURE INTERNATIONAL. vol. 6, pp. 357-367
- Z. GY. PAPP, SAROGLIA M., G. TEROVA. (1998). An improved method for assay of vitamin C in fish feed and tissues. CHROMATOGRAPHIA. vol. 48(1/2), pp. 43-47

#### Proceedings (atti dei congressi)

- Terova, G., Gatta, PP., Rimoldi, S., Bernardini, G., Gornati, R., Saroglia, M. (2006). Myosin expression levels in sea bass (*Dicentrarchus labrax*) muscle: application of a new method for monitoring specific growth rates on different planes of nutrition. *Oral presentation at World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. "Aqua 2006"* pp. 926.
- Terova, G., Rimoldi, S., Bernardini, G., Gornati, R., Saroglia, M. (2006). Expression patterns of myostatin, IGF-I, IGF-II and FGF6 genes in sea bass *Dicentrarchus labrax* during long-term fasting and refeeding. *Poster presented at the World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. "Aqua 2006"* pp. 927.

- ☛ Brambilla, F., Antonini, M., Terova, G., Saroglia, M. (2006). Approach to a nitrogen model in coastal fish farm: case study in a Mediterranean outflow lagoon system. *Poster presented at the World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. "Aqua 2006"* pp. 114.
- ☛ Antonini, M., Ceccuzzi, P., Brambilla, F., Terova, G., Saroglia, M. (2006). Recirculating rearing system: the use of foam fractionator for removing heterotrophic bacteria populations. *Poster presented at the World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. "Aqua 2006"* pp. 35.
- ☛ Brambilla, F., Giardino, C., Lalumera, G.M., Terova, G., Saroglia, M. (2006). Remote sensing to assess water quality in land based aquaculture and surrounding basins. *Poster presented at the World Aquaculture 2006 Florence, Italy. May 9-13, 2006. Book of abstracts. "Aqua 2006"* pp. 115.
- ☛ CECCUZZI P., CROSA G., LALUMERA G., BRAMBILLA F., TEROVA G., SAROGLIA M. (2004). Biologia riproduttiva ed ecologia delle popolazioni di pesce gatto (*I. melas*) nel lago di Varese. 10° Congresso Nazionale Associazione Italiana Ittiologi Acque Dolci. (pp. 65). Atti del 10° Congresso Nazionale Associazione Italiana Ittiologi Acque Dolci: "La gestione dell'ittiofauna per la tutela e la conservazione degli ambienti fluviali" Montesilvano (Pe) 2-3 Aprile 2004.
- ☛ GORNATI R., GUALDONI S., CAVALIERE R., TEROVA G., SAROGLIA M., BERNARDINI G. (2003). Molecular biology and fish welfare: a winning combination. International Workshop on sustainable aquaculture. Animal welfare, human health and interactions with the environment. Certosa di Pontignano, Siena March 30th - April 1st 2003.
- ☛ GORNATI R., TEROVA G., SAROGLIA M., BERNARDINI G. (2003). Rearing density influence sea bass (*Dicentrarchus labrax*) gene expression. International Aquaculture Conference. (pp. 38). International Aquaculture Conference, Verona 15th-16th October 2003. Ed. Fish farming in mediterranean Europe: Quality for developing markets.
- ☛ LALUMERA G., CROSA G., STEFANI F., TEROVA G., SAROGLIA M. (2003). "Open-sky" depuration and recirculation of fish farming effluents: preliminary results of a study in progress at a Tuscany's fish farm. International Aquaculture

- Conference 2003. (pp. 73). International Aquaculture Conference 2003 Verona 15th-16th October 2003. Ed. Fish farming in mediterranean Europe: quality for developing markets.
- ✦ RINALDI L., TETTAMANTI G., GRIMALDI A., TEROVA G., SAROGLIA M., DE EGUILEOR M. (2003). Oxygen management:gills organization, erythrocytes and VEGF as descriptors of fish welfare in intensive aquaculture systems. International Aquaculture Conference 2003. (pp. 87). International Aquaculture Conference 2003 Verona 15th-16th October 2003. Ed. Fish farming in mediterranean Europe: quality for developing markets.
  - ✦ TEROVA G., CARICATO G., SAROGLIA M. (2003). The influence of high rearing density on physiological stress response in sea bass *Dicentrarchus labrax* (L). International Aquaculture Conference 2003. (pp. 90). International Aquaculture Conference 2003 Verona 15th-16th October 2003. Ed. Fish farming in mediterranean Europe: quality for developing markets.
  - ✦ MONETTI C., VIGETTI D., PRATI M., BERNARDINI G., TEROVA G., SAROGLIA M., GORNATI R. (2002). FISH WELFARE AND MOLECULAR MARKERS. Aquacultur Europe 2002. Seafarming: today and tomorrow. Ottobre. (vol. EAS Spec. Publ. 32, pp. 357-358). EAS Spec. Publ. n° 32, EAS, Oostende, Be.
  - ✦ RINALDI R., GRIMALDI A., TETTAMANTI G., TEROVA G., SAROGLIA M., VALVASSORI R., DE EGUILEOR M. (2002). Oxygen partial pressure in water affects gill structural organization in sea bass *Dicentrarchus labrax*, L.: A preliminary study. Aquacultur Europe 2002. Seafarming: today and tomorrow. Ottobre. (vol. EAS Spec Publ 32, pp. 441-442). EAS Spec. Publ. n° 32, EAS, Oostende, Be.
  - ✦ SAROGLIA M., TEROVA G., CARICATO G., CAPUTO A., DE EGUILEOR M. (2002). Oxygen availability and gill morphoogy: is hyperoxygenation an advantage on the osmo-respiratory compromise?. Aquaculture europe 2002. Seafarming: today and tomorrow. Ottobre. (vol. EAS spec. publ. 32, pp. 462-463). EAS Spec. Publ. n° 32, EAS, Oostende, Be.
  - ✦ SUMMA C., CARICATO G., CECCHINI S., TEROVA G., SAROGLIA M. (2001). Compensatory growth in rainbow trout after starvation period and occurrences in fatty acid composition. A.S.P.A. XIV Congress, Firenze, 12-15 June 2001. (pp. 703-705).