

# BIOGRAPHY

27/06/2012



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**Title and name**

Prof. Giovanna Martelli

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**Nationality**

Italy

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**Panel**

Additives and products or substances used in animal feed (FEEDAP)

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**Education**

- 1997: Dottore di Ricerca (3-year doctoral course), Italian Ministry of University, Scientific and Technological Research.
- 1991: Chercheur Libre, Université de Louvain-la-Neuve, Belgium.
- 1989: Degree in Veterinary Medicine (5-year university course), University of Bologna, Italy

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**Scientific and risk assessment experience**

- Animal feeding: studies on feed formulation, feeding techniques, use of feed additives, by-products, non-conventional protein sources with respect to animal health, production parameters and the quality of animal-derived foods.
  - Welfare assessment of farm animals.
  - Organic farming.
  - In 2006-2007 member of a WG of EFSA on risk assessment in fattening pigs welfare and member of the FEEDAP Panel 2009-2012.
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**Main scientific publications**

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The main lines of research are: swine feeding, animal welfare and product quality (PDO products).

SARDI L., NANNONI E., GRANDI M., VIGNOLA G., ZAGHINI G., MARTELLI G. (2012) Meat and ham quality of Italian heavy pigs subjected to different illumination regimes. Berl. Munch. Tierarztl. Wochenschr. Accepted

MORDENTI A.L., BOCCUZZI R., MARTELLI G., ZAGHINI G., SARDI L. (2009) The quality of raw and cured hams as affected by the dietary replacement of soya bean meal with alternative protein sources. Vet. Res. Comm. 33 (1) : 289-291.

MARTELLI G. (2009) Consumers' perception of farm animal welfare: an Italian and European perspective. *It. J. Anim. Sci.* 8 (Suppl. 1): 31-41.

SARDI L., MARTELLI G., LAMBERTINI L., PARISINI P., MORDENTI A. (2006). The effects of a dietary supplement of DHA-rich marine algae on Italian heavy pig production parameters. *Livest. Sci. (formerly Livest. Prod. Sci.)*, 103: 95-103.

MARTELLI G., SARDI L., PARISINI P., PARAZZA P., MORDENTI A. (2005). The effects of a dietary supplement of biotin on Italian heavy pigs (160 kg) growth, slaughtering parameters, meat quality and the sensory properties of cured hams. *Livest. Prod. Sci.*, 93: 117-124.

SARDI L., PAGANELLI R., PARISINI P., SIMIOLI M., MARTELLI G. (2005) . The replacement of fishmeal by plant proteins in piglet production. *It. J. Anim. Sci. (Suppl. 2)*, 4: 449-451.

SARDI L., MARTELLI G., PARISINI P., CESSI E., MORDENTI A. (2002) - The effects of clinoptilolite on piglet and heavy pig production, *It. J. Anim. Sci.*, 1: 103-111.

SCIPIONI R., MARTELLI G. (2001) Consequences of the use of ensiled sugar beet-pulp in the diet of heavy pigs on performances, carcass characteristics and nitrogen balances. A review. *Anim. Feed Sci. Technol. Special Issue The role of dietary fibre in pig production*. A.L. Aumaitre and J.A. Fernandez Eds., 90: 81-91.

PARISINI P., MARTELLI G., SARDI L., ESCRIBANO F. (1999) Protein and energy retention in pigs fed diets containing sepiolite, *Anim. Feed Sci. Technol.*, 79: 155-162.

MARTELLI G., SARDI L., PARISINI P., SCIPIONI R. (1996) The effects of different types of inorganic phosphates and of very low levels of phytase on Phosphorus balance in heavy pigs, *The Pig Journal, Referred Section*, 36: 9-17.

MARTELLI G., MORLACCHINI M., SARDI L., PRANDINI A., GATTI G., PARISINI P. (1996) Effects of Salinomycin on growing-fattening and slaughtering performances of Italian heavy pig, 14 th IPVS Congress , P.G. Monetti and G. Vignola Eds., 411.

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