

Curriculum Vitae Raffaella Rossi

Associate Professor in "Animal Nutrition and feeding"
Director of the post graduate Specialization School in Swine Pathology
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EDUCATION

March 2000: Degree in "Sciences of Animal Production" - Faculty of Veterinary Medicine, University of Milan

2000-2003: PhD in Animal Nutrition and Dietetic with the project " Animal nutrition and meat quality" at the University of Milan.

October 2010: Researcher in "Animal Nutrition and feeding" - University of Milan.

Dal 2010: Aggregate Professor (L.240/2010)

2013: National Scientific Qualification -Associate Professor – Sector 07/G1

January 2015: Associate Professor in "Animal Nutrition and feeding"

October 2016: Director of the post graduate Specialization School in Swine Pathology

Aprile 2017: National Scientific Qualification – Full Professor – Sector 07/G1

CURRENT TEACHING:

Lecturer in:

- Immunonutrition - course of Sciences and Technologies of Animal Production
- Monogastric diet formulation - course of animal breeding and welfare.
- Feeding and sensory analysis - course of Sciences and Technologies of Animal Production

Organization of in vivo trial for practical training and thesis at the Experimental Zootechnical Center of Lodi or in in field condition.

INSTITUTIONAL ACTIVITIES

Member of:

- Interdepartmental committee of the Animal science courses
- PhD committee in " Veterinary and Animal Science" - University of Milan.
- Specialization School in "Swine Pathology" committee - University of Milan.

Member of:

- Student Educational Guidance Commission
- DSA Commission
- STPA Quality Assurance

MEMBERSHIP OF PROFESSIONAL BODIES:

ASPA - Scientific Association of Animal Production

SISVET – Italian Society of Veterinary Sciences

SIPAS – Italian society of pathologies and pig farming

KEY QUALIFICATIONS:

Animal Nutrition and meat quality; nutrition and immunity; oxidative stress and animal welfare; omega 3 and CLA; natural antioxidant

Authors of more than 85 publications on national and international journal, on animal nutrition and feeding focused on the dietary supplementation of fatty acids (CLA, omega 3) and antioxidant (Vitamin E and natural molecules) in monogastric specie. In particular, the relation between nutrition, animal welfare, antioxidant status and meat quality was studied.

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H index: 15

RECENT PUBLICATION

1. Di Giancamillo, A., R. Rossi, G. Pastorelli, D. Deponti, V. Carollo, D. Casamassima, C. Domeneghini and C. Corino (2015) The effects of dietary verbascoside on blood and liver oxidative stress status induced by a high n-6 polyunsaturated fatty acids diet in piglets. *Journal of Animal Science* 93(6): 2849-2859.
2. Pastorelli G., Rossi R., Guarino M., Borgonovo F, Candotti P., Corino C. (2016). Livestock Precision Farming and the Kit Radicaux Libres Test: Two Simple Approaches to Detect Variation in Piglets' Behaviour and Welfare. *Journal of Agricultural Science*. 8 (3):44-49.
3. R. Rossi, S. Ratti, G. Pastorelli, F. Maghin, G. Martemucci, D. Casamassima, A.G. D'Alessandro C. Corino (2017). Effect of dietary plant extract on meat quality and sensory parameters of meat from. *Journal of the science of food and agriculture*, 97 (14): 4690-4696.
4. Rossi R., Stella S., Ratti S., Maghin F., Tirloni E., Corino C. (2017). Effects of antioxidant mixtures in the diet of finishing pigs on the oxidative status and shelf life of Longissimus dorsi muscle packaged under modified atmosphere. *Journal of Animal Sciences*, 017 95: 11: 4986-4997.
5. Di Giancamillo A., Rossi R., Martino P. A., Aidos L., Maghin F., Domeneghini C., Corino C. (2017). Copper sulphate forms in piglets diet: microbiota, intestinal morphology and enteric nervous system glial cells. *Animal Science Journal*. (2018) 89, 616–624.

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