



Curriculum Vitae of Rosi Fabia

Photo

Education

Graduated in Biological Science, specialization in biochemistry and physiology, University of Milan

Professional experiences

Associate Professor in "Animal Morphology and Physiology" (SSD VET/01) at University of Milan, Department of Agricultural and Environmental Sciences

Professor of

Physiology of Livestock Animals, Animal Biology-Mod. 2, Animal Morphology and Physiology, Anatomy and Physiology of Domestic Animals, Animal Morphology and Physiology (advanced), Animal Biology and Biodiversity

Research fields

- bioactive compounds in mammalian milk;
- effects of nutritional, environmental and physiological factors on metabolism during periweaning;
- endocrinology of the nutrition-immunity interactions;
- regulatory role of leptin, ghrelin, IGF-1 and insulin on mammary gland physiology in dairy goats and on neonatal physiology in kids;
- endocrine, environmental and metabolic factors that regulate onset of puberty in ruminants;

Most significant publications

DAMIANO MAGISTRELLI, RAFFAELLA ZANCHI, LUCA MALAGUTTI, GIANLUCA GALASSI, ENRICA CANZI AND FABIA ROSI: Effects of cocoa husks feeding on the composition of swine intestinal microbiota. JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, 64(10), 2046-2052, 2016
doi:10.1021/acs.jafc.5b05732



MAGISTRELLI DAMIANO, ROSI FABIA: Milk and plasma IgG levels in primiparous and multiparous cows, during the first week of lactation. ITALIAN JOURNAL OF ANIMAL SCIENCE, 14:s1, 157, 2015
<http://dx.doi.org/10.4081/ijas.2015.4094> <http://www.aspaijournal.it/index.php/ijas/article/view/ijas.2015.s1>

MAGISTRELLI DAMIANO, ROSI FABIA: Effect of cocoa husks diet on lipid metabolism and liver composition in fattening pigs during the hot season. ITALIAN JOURNAL OF ANIMAL SCIENCE, 14:s1, 157-158, 2015
<http://dx.doi.org/10.4081/ijas.2015.4094> <http://www.aspaijournal.it/index.php/ijas/article/view/ijas.2015.s1>

SILVANA MATTIELLO, SERENA MARIA BRIGNOLI, ANTONELLA CORDEDDA, BERNARDO PEDRONI, CRISTINA COLOMBO, FABIA ROSI
Effect of the change of social environment on the behavior of a captive brown bear (*Ursus arctos*) JOURNAL OF VETERINARY BEHAVIOR 9, 119-123, 2014 doi:10.1016/j.jveb.2014.01.002
[http://www.journalvetbehavior.com/article/S1558-7878\(14\)00008-2/abstract](http://www.journalvetbehavior.com/article/S1558-7878(14)00008-2/abstract)

MAGISTRELLI DAMIANO; ROSI FABIA: Trend-analysis of plasma insulin level around parturition, in relation to parity in Saanen goats. JOURNAL OF ANIMAL SCIENCE, 92, 2440-2446, 2014
[doi:10.2527/ijas.2013-6993](https://doi.org/10.2527/ijas.2013-6993)

MAGISTRELLI DAMIANO; ROSI FABIA: Effect of Technological Treatments on Human-Like Leptin Level in Bovine Milk for Human Consumption. FOODS, 3, 433-442, 2014
[doi:10.3390/foods3030433](https://doi.org/10.3390/foods3030433)

MAGISTRELLI DAMIANO, L. MALAGUTTI, ROSI FABIA: Cocoa Husks Feeding Improves Some Indices of Health and Welfare of Pigs. PARIPEX- INDIAN JOURNAL OF RESEARCH, 3(7), 210-213, 2014
[doi :10.15373/22501991/July2014/95](https://doi.org/10.15373/22501991/July2014/95)
https://www.worldwidejournals.com/paripex/recent_issues_pdf/2014/July/July_2014_1405775468__96.pdf

MAGISTRELLI DAMIANO; A. A. AUFY; L. PINOTTI; ROSI FABIA: Analysis of weaning-induced stress in Saanen goat kids. JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, 97 (4), 732-739, 2013
- ISSN 0931-2439. - ISSN 1439-0396.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1439-0396.2012.01315.x/abstract>
ISI: 000321567100015

MAGISTRELLI DAMIANO; L. MALAGUTTI; G. GALASSI AND ROSI FABIA: Cocoa husks in diets of Italian heavy pigs JOURNAL OF ANIMAL SCIENCE, 90 (Suppl 4), 230-232, 2012
doi: 10.2527/ijas.53970
http://www.animal-science.org/content/90/Supplement_4/230.full.pdf+html

MAGISTRELLI D., PINOTTI L., RAPETTI L., ROSI F.: Ghrelin, insulin and pancreatic activity in the peri-weaning period of goat kids. JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, 95, 40-46, 2011

ROSI F., AUFY A.A., MASTRELLI D: Diet influences the content of bioactive peptides in goat milk. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, 42, 486-490, 2009
http://www.kurtis.it/jei/it/preview.cfm?articolo_id=6378

CORINO C., PASTORELLI G., ROSI F., BONTEMPO V, ROSSI R.: Effect of dietary conjugated linoleic acid supplementation in sows on performance and immunoglobulin concentration in piglets. JOURNAL OF ANIMAL SCIENCE, 87, 2299-2305, 2009

MAGISTRELLI D., POLO DIMEL G., ROSI F.: Leptin, insulin and ghrelin levels in goat milk and in plasma of the suckling kids. SMALL RUMINANT RESEARCH, 79, 38-41, 2008

PINOTTI L, ROSI F.: Leptin in bovine colostrum and milk. HORMONE AND METABOLIC RESEARCH, 38, 89-93, 2006

BONTEMPO V., SCIANNIMANICO D., PASTORELLI G, ROSSI R., ROSI F., CORINO C.: Dietary conjugated linoleic acid positively affects immunologic variables in lactating sows and piglets. JOURNAL OF NUTRITION, 134, 817-824, 2004

<https://air.unimi.it/browse?type=author&order=ASC&rpp=20&authority=rp13810#.XGkceHdFyZ8>