

CURRICULUM VITAE

Daniela MARIN

born on the 30. 05. 1972 in Bucharest, Romania
Romanian Nationality
Married

Work address: National Institute for Research and Development in Nutrition and Animal Biology
(INCDBNA Balotesti),
Laboratory of Animal Biology, Calea Bucuresti no. 1,
code 077015, Balotesti, Ilfov
Tel: 00402135120 82; Fax: 004021 351 20 80
e-mail: daniela.marin@ibna.ro

ACADEMIC QUALIFICATION

- Sept - Dec 2007*** Postdoctoral studies : Institut National de la Recherche Agronomique, Toulouse, France, Lab. of Pharmacology –Toxicology
- Apr. – Jun 2006*** Postdoctoral studies : Institut National de la Recherche Agronomique, Toulouse, France, Lab. of Pharmacology –Toxicology
- 2000 – 2005*** Doctoral studies under joint coordination Bucharest Univ., Faculty of Biology
Paul Sabatier Univ., Toulouse, France
- 2005*** *PhD in Biology*
- 1996 - 1997*** Master studies, Bucharest Univ., Faculty of Biology
1997 *Master in Biology*
- 1990 – 1996*** Bucharest Univ., Faculty of Biology
1996 *Bachelor of Science*

SHORT TERM SPECIALIZATION

- 2006*** *Specialisation in cell culture techniques:* INRAN (Istituto Nazionale di Ricerca per gli Alimenti e la Nutrizione), Laboratory of the Experimental Nutrition, Rome, Italy
- 2004*** „Manipulation and protection of the laboratory animals”, Ecole Nationale Vétérinaire de Toulouse, France
- 2000*** „Spécialisation in PCR techniques” Institut National de la Recherche Agronomique, Lab. of Pharmacology – Toxicology, Toulouse, France

PRESENT ORGANISATION AND POSITION

National Institute for Research and Development in Nutrition and Animal Biology, Laboratory of Animal Biology
- Senior researcher

SCIENTIFIC ACTIVITY

My expertise in the feed/food field is mainly in the domains of *nutrition* and *immunology*.

I have competences in the following areas: animal nutrition (swine), cell cultures (primary and stabilized cell lines), swine immunology (innate and acquired immune response) toxicology (mycotoxins, other food contaminants), acquired during more than 10 years of experience.

During the last years I was involved in the coordination of 2 *national projects*: CEEEX 14951 (2005-2008), IDEI 1373 (2009-2012) and I participated in international projects, as a member of the INCDBNA team: *FP6 projects*: Feed For Pig Health (506144); Healthy feed for safety, SEEFOOD, (043077); *collaborative international projects*: Network research training between France and Central and Eastern Europe, BRANCUSI (France and Romania): (2001-2004; 2005-2008) and ECO-NET (France, Romania, Slovenia and Poland) (2006-2007). I participated also as a young researcher in the *FP6 program*: „Training and mentoring early career scientist from candidate, associated and Mediterranean countries in a food chain approach to quality and safety” coordinated by European Association for Animal Production (2005-2008).

In the present I am the member of the editorial team and reviewer of our Institute Journal (Arhiva Zootehnica). I am also reviewer for some international journals: Journal of Food Biochemistry; Journal of Animal Physiology and Animal Nutrition; Environmental Biotechnology.

LANGUAGE PROFICIENCY

English: Reading, Speaking, Writing
French: Reading, Speaking, Writing
Romanian: mother tongue

PUBLICATIONS

- **Marin D.E.**, Taranu I, Burlacu R, Tudor DS., 2010. Effects of zearalenone and its derivatives on the innate immune response of swine. *Toxicol.* 56, 956-963
- Taranu I, **Marin D.E.** Burlacu R, Pinton P., Damian V.; Oswald I.P. 2010,.Comparative aspects of in vitro proliferation of human and porcine lymphocytes exposed to mycotoxins . *Archives of Animal Nutrition* 64 (5) 383–393
- Tabuc C., **Marin D.E.**, Guerre P., Sesan T., Bailly J.D., 2009. Molds and mycotoxin content of cereals in southeastern Romania. *Journal of Food Protection*, 72, 3, 662-665
- Pinton P., Nougayrede J.P., Del Rio J.C, Moreno C., **Marin D.E.**, Ferrier L., Bracarense A.P., Kolf-Clauw M., Oswald I.P. 2009. The food contaminant deoxynivalenol, decreases intestinal barrier permeability and reduces claudin expression. *Toxicology and Applied Pharmacology* 237, 41-48
- **Marin D.E.**, Taranu, I., Gouze M.E, Oswald, I. 2007. Fumonisin B1 alters cell cycle progression and interleukin-2 synthesis in swine peripheral blood mononuclear cells *Molecular Nutrition and Food Research* 51, 11, 1406-1412
- **Marin D.E** , Taranu, I., Pascale, F., Lionide, A., Burlacu, R., Bailly, J-D, Oswald, I.P. 2006. Sex related differences in the immune response of weanling piglets exposed to low doses of fumonisin extract. *British Journal of Nutrition*, 95: 1185-1192
- Gosjean F., Cazaux J.G., **Marin D.E.** et Oswald I. 2005. Effet des fumonisines et d’une association avec du déoxynivalénol sur les performances de croissance de porcelets. *Journées Rech. Porcine*. 37: 245-252.
- Taranu I., **Marin D.E.**, Bouhet S., Pascale F., Bailly J.D., Miller J.D., P. Pinton and Oswald I.P. 2005. Mycotoxin, Fumonisin B₁, alters the cytokine profile and decreases the vaccinal antibody titer in pigs. *Toxicol. Sci.* 84: 301–307.

- Pinton P., Royer E., Accensi F., **Marin D.E.**, Guelfi J.F., Bourges-Abella N., Granier R., Grosjean F., and Oswald IP. 2004. Effets de la consommation d'aliments naturellement contaminés par du deoxynivalenol (DON) chez le porc en phase de croissance ou de finition. *Journées Rech. Porcine*. 36: 301-308.