

BIOGRAPHY

25/06/2012



Title and name

MVDr. Lubomir Leng, DSc

Nationality

Slovakia

Panel

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

Education

Doctor of Veterinary Medicine, 1972, University of Veterinary Medicine, Kosice, Czechoslovakia

PhD (Physiology of Farm Animals), 1977, Institute of Animal Physiology, Slovak Academy of Sciences, Kosice, Czechoslovakia

DSc (Physiology of Farm Animals), 1991, Institute of Animal Physiology, Slovak Academy of Sciences, Kosice, Czechoslovakia

Scientific and risk assessment experience

- animal physiology and nutrition
 - selenium metabolism in farm animals
 - animal tolerance to excessive intake of trace elements
 - oxidative stress and antioxidative status of farm animals
 - impact of Fusarium mycotoxins on poultry
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Main scientific publications

The main areas of research focus are selenium metabolism and impact of Fusarium mycotoxins on animal health.

Gresakova, L., Borutova, R., Faix, S., Placha, I., Cobanova, K., Kosikova, B., Leng, L. 2012. Effect of lignin on oxidative stress in chickens fed a diet contaminated with zearalenone. Acta Vet. Hungarica, 60, 103-114.

Levkut, M., Revajova, V., Slaminkova, Z., Levkutova, M., Borutova, R., Gresakova, L., Leng, L. 2011. Lymphocyte subpopulations in blood and duodenal epithelium of broilers fed diets contaminated with deoxynivalenol and zearalenone. Anim. Feed Sci. Technol., 165, 210-217.

Faixova, Z., Faix, S., Borutova, R., Leng, L. 2010. Effects of feeding diets contaminated with Fusarium mycotoxins on blood biochemical parameters of broiler chickens. Acta Vet. Hungarica, 58, 275-285.

Levkut, M., Revajova, V., Levkutova, M., Sevcikova, Z., Herich, R., Borutova, R., Leng, L. 2009. Leukocytic responses of broilers following dietary contamination with deoxynivalenol and/or treatment with excessive dietary selenium. Br. Poultry Sci., 50, 181-187.

- Placha, I., Borutova, R., Gresakova, L., Petrovic, V., Faix, S., Leng, L. 2009. Effects of excessive selenium supplementation to diet contaminated with deoxynivalenol on blood phagocytic activity and antioxidative status of broilers. *J. Anim. Physiol. Anim. Nutr.*, 93, 695-702.
- Borutova, R., Faix, S., Placha, I., Gresakova, L., Cobanova, K., Leng, L. 2008. Effects of deoxynivalenol and zearalenone on oxidative stress and blood phagocytic activity in broilers. *Arch. Anim. Nutr.*, 62, 303-312.
- Cobanova-Boldizarova, K., Gresakova, L., Faix, S., Petrovic, V., Leng, L. 2008. Selenium in sheep nutrition. In: Surai, P.F. and Taylor-Pickard, J.A. (Eds). *Current advances in selenium research and applications*. Vol. 1., Wageningen Academic Publishers, The Netherlands.
- Faixova, Z., Faix, S., Borutova, R., Leng, L. 2007. Efficacy of dietary selenium to counteract toxicity of deoxynivalenol in growing broiler chickens. *Acta Vet. Brno*, 76, 349-356.
- Petrovic, V., Boldizarova, K., Faix, S., Kowalczyk, J., Czauderna, M., Mellen, M., Leng, L. 2005. Excretion and distribution of selenium in sheep tissues after selenite loading. *J. Anim. Feed Sci.*, 14, 303-306.
- Boldizarova, K., Gresakova, L., Faix, S., Levkut, M., Leng, L. 2003. Urinary selenium excretion in selenite-loaded sheep and subsequent Se dynamics in blood constituents. *Reprod. Nutr. Development*, 43, 385-393.
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