

Publications of Dr. Ch. Mülling

Thesis

Doctoral thesis (Dissertation) Grade: „*summa cum laude*“

Mülling, Ch. (1993): Struktur, Verhornung und Hornqualität in Ballen, Sohle und Weißer Linie der Rinderklaue und ihre Bedeutung für Klauenerkrankungen, Berlin, Freie Univ., Fachber. Vet. Med., Dissertation.

Articles in refereed journals

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10. **Mülling, Ch.** (2000): Three-dimensional appearance of bovine epidermal keratinocytes in different stages of differentiation revealed by cell maceration and scanning electron microscopic investigation. Folia Morphologica 59, 239-246.
11. Hirschberg, R., **Ch. Mülling** and K.-D. Budras (2001): Pododermal angioarchitecture of the bovine claw in relation to form and function of the papillary body. A scanning electron microscopic study. Microscopy Research and Technique, 54, 375-385.
12. Zurbrügg, H.R., Musci, M., Sängler, S., Gutersohn, A., **Mülling, Ch.**, Wellnhofer, E., Schaffner, T., Hetzer, R. (2001): Prevention of Venous Graft Sclerosis with Clopidogrel and Aspirin Combined with a Mesh Tubing in a Dog Model of Arteriovenous Bypass Grafting. Eur J Vasc Endovasc Surg 22, 337-341.
13. **Mülling, Ch.**, H. Bragulla, K.-D. Budras und Ch. Laiblin (2001): Patellaluxation und Atrophie des M. quadriceps femoris bei Kälbern. Tierärztliche Praxis 29, 80-81.
14. Mentschel, J., R. Leiser, **Ch. Mülling**, Ch. Pfarrer and R. Claus (2001): Butyric acid stimulates rumen mucosa development in the calf mainly by a reduction of apoptosis. Archives of Animal Nutrition 55, 85-102.

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25. Boos, A., J. Kohtes, V. Janssen, **Ch. Mülling**, A. Stelljes, H. Zerbe and H.H. Thole (2005): Pregnancy Effects on Distribution of Progesterone Receptors, Oestrogen Receptor α , Glucocorticoid Receptors, Ki-67 Antigen and Apoptosis in the Bovine Interplacentomal Uterine Wall and Foetal Membrane. *Anim. Reprod. Sci.*, 91, 55-76.
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models for studying bovine hoof biology. Animal, submitted

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1. **Mülling, Ch.** (2002): Verbesserung der Gelenk- und Klauengesundheit durch Haltungsverfahren. Deutsche Gesellschaft für Züchtungskunde Schriftenreihe 27, 76-82.
2. **Mülling, Ch.,** Ch. Lischer (2002): Neue Aspekte zur Ätiologie und Pathogenese der Klauenrehe, Vet Med Report 26 (4), 12-13.
3. Budras, K.-D. Buda, S.; Hirschberg, R.; Mülling, Ch.; Nöller, C.; König, H. E.; Schnitker, P.; Frohnes, A.-K.: Hufrehe - ein aktueller Überblick Pferdespiegel, 4 (3), 2005, 126-132.
4. Green, L., **Ch. Mülling** (2005): Biotin and lameness – A review. Cattle Practice, 13 (2), 145-153.
5. **Mülling, Ch.,** D. Grönemeyer, M. Matzke, A. Walter, K.-D. Budras (2005): Novel technologies to improve functional understanding of the bovine hoof. Cattle Practice, 13(2), 2005, 115-120.
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