

BIOGRAPHY

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Title and name

Dr. Alex Bach

Nationality

Spain

Panel

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

Education

Ph.D. in Animal Science, University of Minnesota, 1999

Master in Animal Science, University of Minnesota, 1996

Veterinary Medicine, Universitat Autònoma de Barcelona, 1994

Scientific and risk assessment experience

Member of several scientific committees from animal care and experimentation to reviewing of scientific quality. Also, sits at several editorial boards for scientific journals, and in many commissions for organizing congress and scientific meetings.

Main scientific publications

My main areas of research are dairy nutrition and management with especial emphasis on calf and heifer rearing and early life care.

Bach, A. 2012. Optimizing performance of the offspring: Nourishing and managing the dam and post-natal calf for optimal lactation, reproduction, and immunity. J. Anim. Sci. 90:1835- 1845.

Montoro, C., I. R. Ipharraguerre, and A. Bach. 2012. Blocking opioid receptors alters short-term feed intake and oro-sensorial preferences in weaned calves. J. Dairy Sci. 95:2531-2539.

Bach, A., J. J. Villalba, and I. R. Ipharraguerre. 2012. Interactions between mild nutrient imbalance and taste preferences in young ruminants. J. Anim. Sci. 90:1015-1025.

Castells, Ll., A. Bach, G. Araujo, C. Montoro, and M. Terré. 2012. Effect of offering different forage sources on performance and feeding behavior of Holstein calves. J. Dairy. Sci. 95:286-293.

Bach, A., C. Tejero, and J. Ahedo. 2011. Effects of group composition on the incidence of respiratory afflictions in group-housed calves after weaning. J. Dairy Sci. 94:2001-2006.

Bach, A. 2011. Associations between several aspects of heifer development and dairy cow survivability to second lactation. J. Dairy Sci. 94:1052-1057.

Bach, A., J. Ahedo, and A. Ferrer. 2010. Optimizing weaning strategies of dairy replacement calves. *J. Dairy Sci.* 93:413-419.

Terré, M., C. Tejero, and A. Bach. 2009. Long-term effects on heifer performance of an enhanced-growth feeding program applied during the preweaning period. *J. Dairy Res.* 76:331-339.

Bach, A., M. Devant, C. Iglesias, and A. Ferrer. 2009. Forced traffic in automatic milking systems effectively reduces the need to fetch cows, but does not improve milk yield of dairy cattle consuming high levels of corn silage. *J. Dairy Sci.* 92:1272-1280.

Bach, A., N. Valls, A. Solans, and T. Torrent. 2008. Associations between non-dietary factors and dairy herd performance. *J. Dairy Sci.* 91:3259-3267.