

Letter to the editor:

RECENT DEVELOPMENTS IN ANIMAL SCIENCES

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Dear Editor,

Recently, a new journal, JEAAS (Journal of Experimental and Applied Animal Sciences) has been launched. The goal of this new interdisciplinary journal is to advance the field of animal sciences. A particular focus is the establishment and application of animal models for basic and clinical research (Intzoglou et al., 2014; Graham et al., 2014; Musk et al., 2014; Rezaei et al., 2014; Bénardeau et al., 2013; Deluzurieux et al., 2013). Particularly, the advent of transgenic and knockout technologies together with the generation of humanized animals (Hammad et al., 2013) opens exciting possibilities. A second field of interest is traditional and applied animal sciences including farm animals, animal nutrition and related fields of veterinary medicine (Mallaiah et al., 2014; Soriano-Úbeda et al., 2013; Mishra et al., 2013; Zarrindast et al., 2013; Ikewuchi et al., 2013).

A currently particularly active research field is the establishment of *in vitro* systems for applications in pharmacology and toxicology (Kim et al., 2015; Godoy et al., 2013; Zellmer et al., 2010; Drasdo et al., 2014; Grinberg et al., 2014; Schug et al., 2013; Krug et al., 2013). A limitation of *in vitro* data is that comprehensive studies on the *in vivo* relevance of responses observed *in vitro* are rare (Bolt et al., 2014; Ghallab and Bolt, 2014; Hammad et al., 2014; Hammad, 2013). Therefore, JEAAS particularly welcomes studies that compare mechanisms observed in *in vitro* systems to the corresponding processes in organs or organisms. We hope that JEAAS will play a constructive role in this field of research.

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