



Mr Markus Keller

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Dr. Markus Keller has studied biology at the Technical University Darmstadt in Germany. As a trained zoologist, his first scientific studies were about the development of neuronal tissues using in vitro models for the structural building of stratified neuronal tissues.

Afterwards, he studied several aspects of protein – protein interactions and generated several mouse knockout strains for the investigation of extracellular matrix binding proteins – at the Max-Planck Institute for Biochemistry in Martinsried in Germany.

Changing to the Friedrich-Loeffler-Institut at the Isle of Riems in Germany, he is now responsible for the SPF mouse colony but his main focus lies on the work with different arboviruses (Alphaviridae, Bunyaviridae, Flaviviridae).

Owning a FELASA C license, he is involved in the planning phase and the implementation of animal trials. Furthermore, he is specialized in molecular biological and protein chemical analysis of viruses and interactions of pathogens with its hosts. He is the Head of the National reference laboratory for equine encephalitis viruses (EEEV, VEEV, WEEV) and the National reference laboratory for SARS-CoV-2 infections in animals, and is involved in several international projects funded by the European Union and the German national institutions.

