

Luca Lorenzini DVM, PhD, Associate Professor of Veterinary Anatomy. Main focus of scientific activities is the study of lesions and degenerative diseases of the nervous system, in particular the strategies to counteract early pathogenic phenomena such as neuroinflammation, and the interference of environmental pollutants with neurodevelopment. The modeling includes transgenic animals, surgical and chemical lesions, as well as spontaneous pathologies in animals of biomedical and veterinary interest. In the lab new therapeutic solutions are developed and tested, such as gene-editing and enzyme replacement therapies for rare genetic diseases, multifunctional biomaterials for the self-repair of tissues and organs.