



Veterinary Science Special seminar

Title: Brain regeneration and its facilitation

Speaker: Masashi SAKURAI (Joint Faculty of Veterinary Medicine, Yamaguchi University)

Day: March, 2nd, 2022 (16:00-17:00)

Site: iCover (Room 101)

Abstract: The brain was thought to be an organ that lacked regenerative capacity. Recently, however, it has become clear that neural stem cells exist in the adult brain and continue to produce neurons. In addition, it has been confirmed that neural stem cells supply new neurons to brain lesions, indicating that the brain also has a weak regenerative capacity. I have been studying the brain tissue regeneration using trimethyltin-injected mouse model. The brain is known to be isolated by blood-brain barrier, however, some kinds of drugs can enter and affect brain tissue regeneration. In this seminar, I would like to introduce our findings about drug-induced facilitation of brain tissue regeneration.

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