

CEIPEX MU TOPIC 1B

Položka / Field	Obsah / Content
NAME	Assoc. Prof. Pavel Plevka, PhD
CEIPEX RESEARCH TOPIC LEVEL2	Structural Biology: structural virology
NAME OF THE RESEARCH GROUP	Structural Virology
TOPIC	Assembly and maturation of flaviviruses
ABSTRACT	The project will investigate how flavivirus particles assemble and mature into infectious virions. Using cryo-electron microscopy, cryo-electron tomography, and complementary biochemical approaches, the work will characterize structural intermediates of virus assembly and maturation and determine how viral proteins, membranes, and host-cell factors regulate these processes.
WEBPAGE OF THE RESEARCH GROUP	https://plevkalab.ceitec.cz/