

CEIPEX MU TOPIC 1A

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	Cell entry and genome delivery of non-enveloped viruses
ABSTRACT	The postdoc will investigate how parvoviruses or polyomaviruses enter host cells and deliver their genomes. Using advanced cryo-electron microscopy and tomography, combined with fluorescence microscopy and molecular biology methods, the work will identify viral structural transitions and cellular factors that determine whether viral entry leads to productive infection or an abortive pathway.
WEBPAGE OF THE RESEARCH GROUP	https://plevkalab.ceitec.cz/