



**Department of Organic Chemistry
Faculty of Science,
Palacký University, Olomouc**

Would like to invite you to the PhD defense by:

Mgr. David Vanda

with topic:

“Imidazopyridine derivatives as ligands for different biological targets”

Imidazopyridines as heterocycles have been reported to act as biologically active compounds in many pharmaceutical applications. Our work focused on development of synthetic approaches leading to imidazo[4,5-*b*]pyridines and imidazo[4,5-*c*]pyridines designed as modulators of various biological targets. We eventually prepared several focused chemical libraries of imidazopyridines with colorful spectra of peripheral substituents and mapped structure-activity relationships within the individual series. Synthesis of these imidazopyridine-based libraries then formed the backbone of PhD thesis which is about to be defended.

The defense will be held online through Zoom, on May 5th, 2021 at 10:00.

<https://cesnet.zoom.us/j/99240892839>