

Ústav botaniky a zoologie PŘF MU Vás zve

na přednášku programu INNOLEC

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## PLANETARY HEALTH AND GLOBAL DEFAUNATION Why biodiversity matters for health?

10. 5. 2018 v 10:00

Univerzitní kampus Bohunice  
Seminární místnost A32/329

*Many academic studies and reports conducted by international organizations stressed that biodiversity loss is affecting ecosystem resilience but also health and well-being. The Lancet - Rockefeller Commission has recently launched the "Planetary Health" to envision health within the planetary boundaries of the Anthropocene. The Convention on Biological Diversity has set the 20 Aichi targets for biodiversity by 2020. However, almost all indicators of the Aichi targets show negative trends. Anthropogenic pressure (human appropriation of biological productivity), biodiversity (Living Planet Index), biodiversity benefits (domesticated breeds, Red List of pollinators) show decline with negative consequences on resources and ecosystem services. I show how global defaunation is linked to planetary health.*

