

# EINLADUNG

## Kolloquium Sommersemester 2024

**Franziska Zölzer**

Goethe University Frankfurt  
Department of Didactics of Life Sciences  
(IZN, FB15)

hält am Dienstag den **16.07.2024**, um 13:00 Uhr, am Campus Riedberg, Biologicum, **Hörsaal 1 (-1.202)** einen Vortrag über:

## “Characterization of the herbivore and carnivore faecal microbiota with special emphasis on diet and host-specificity”

Franziska Zölzer is working at the Zoo Biology working group at Goethe university since 2019. She has completed her Ph.D. in microbiome research on a wide variety of mammalian species, with special emphasis on the influence of diet and host-specificity. The main goal of her research is to establish microbiome research as a non-invasive tool for species conservation and animal welfare. To achieve this, she tries to identify microbial markers in the faecal microbiota that are associated with the animal's health status or reproductive cycle. Her research highlights the differences in the microbiota of carnivorous and herbivorous host species in terms of microbial composition and diversity, as well as naturally occurring daily oscillations. Furthermore, she aims to develop tools with the focus on identifying host-specific metadata from the faecal microbiome to support species conservation in the field through microbiome research



Einladender: Prof. Dr. Paul W. Dierkes

