Are you interested in disease ecology and evolution in amphibian species?

We are offering an exciting MSc thesis projects investigating how anti-fungal treatments affect the skin microbiome and how microbiome changes with infection and temperature. **This project offers a unique opportunity to gain practical experience in molecular techniques and ecological data analysis, while contributing to globally relevant research on infection dynamics in wild amphibian populations and the interplay between the amphibian microbiome, infectious diseases and possible treatments. Laboratory and data analysis training will be provided!!!**

Background

Amphibians are undergoing massive population declines due to emerging infectious diseases. Tebuconazole is used to treat amphibians infected with the chytrid fungus *Batrachochytrium dendrobatidis* (Bd). However, the substance's broader effects remain unknown, particularly how it induces dysbiosis in the skin microbiome.

If you are interested, please contact maria.cortazar@ebc.uu, **for more details.**

Start date: Negociable, start immediately if desired

Place: EBC, Uppsala

Length: 30-60 hp