

Outline

- The definition of evolution according to the modern synthesis
- The role of the environment for the evolution of phenotypes
- Examples of why phenotypic plasticity is important
- Transcriptomics as a modern toolkit for studying phenotypes
- Hands-on practical exploring gene expression

**[https://hcliedtke.github.io/
UAM23_rnaseq/](https://hcliedtke.github.io/UAM23_rnaseq/)**