

# ANNOUNCEMENT



## Vortragsankündigung

**Mittwoch, 19. November 2025, 11.15 Uhr im SR I**

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### **“Important transitions during evolution of vertebrate coloration”**

Life has had to cope with electromagnetic radiation since its very beginning. Body color is the electromagnetic radiation interacting with tissues of living organisms. Therefore, color-producing mechanisms are evolutionarily very ancient, and pathways leading to them are probably widely shared across the entire domain of life. In the evolution of individual lineages, changes mostly occur through the “switching on and off” of the color-producing mechanisms in various modifications. Nevertheless, many of such mechanisms still remain unknown. Here, I will focus on describing the historical milestones in vertebrate coloration and the associated processes that have had a major influence on shaping some constraints on body color production.