

# MBG FOCUS TALK

Hosted by Gilles Vanwalleghem

**Friday 4 October 2024 @ 09:00-09:45**

1872-447



**Maria Kotini**

**Biozentrum**

**University of Basel, Switzerland**

## *Shaping the vasculature: the art of junctional remodelling*

In this talk, I will present our latest findings on the regulation of vascular formation and patterning, with a focus on the role of junctional components and mechanical forces. I will discuss how endothelial cells respond and adapt to mechanical stimuli during embryonic development, driving the formation of vascular networks *in vivo*. Additionally, I will delve into the developmental processes involved in brain vascularisation, highlighting key insights into the dynamic interplay between vascular structure and function.