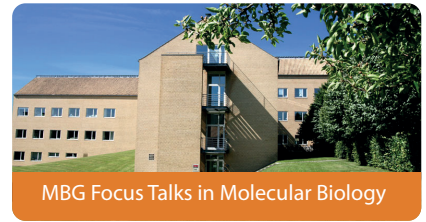


MBG FOCUS TALK

hosted by Section of Molecular Cell and Developmental Biology



Tuesday March 17, 2015 at 11.00-12.00

1131-623

Agnieszka Denkis

Freie Universität Berlin, Institute of Chemistry and Biochemistry

A not so innocent bystander - Septin 9 in modulation of BMP2 induced signaling

BMP (Bone Morphogenetic Protein) signaling is involved in regulation of diverse processes ranging from tissue patterning and morphogenesis to homeostasis maintenance and tissue repair. We identified a scaffolding protein Septin 9 to interact with components of the BMP pathway and therefore influence the signaling. Additionally, our hypothesis on the role of Septin 9 in signaling compartmentalization will be presented. Moreover, we show distinct localization of Septin 9 in adult muscle fibers and speculate on possible functions of Septin 9 in muscle homeostasis.