

## NEW - BSCDB Mechanobiology webinar series 2020-2021

Free registration [here](#)



### BSCDB Warming-up Mechanobiology Webinar 20-21

Thursday 29 October 2021 16:00 – 17:15

Host: An Zwijsen

Chair: Elizabeth A. Jones

#### **Pulling on VE-cadherin to coordinate endothelial migration and angiogenesis**

Stephan Huveneers -Amsterdam UMC, University of Amsterdam

#### **The role of the ubiquitin system in shear stress response in endothelial cells**

Raj Sewduth - KU Leuven

#### **AFM-based mechanobiology differentiates between regulated cancer cell death modalities**

Louis Van Der Meeren - UGent



### BSCDB Warming-up Mechanobiology Webinar 20-21

Thursday 4 March 2021 16:00 – 17:15

Host: Jolanda van Hengel

Chair: Sylvain Gabriël

#### **Unravelling the role of Braun's lipoprotein Lpp in controlling the mechanical properties of E. coli bacteria**

Marion Mathelié, Université Catholique de Louvain

#### **Label-free imaging of cholesterol assemblies reveals hidden nanomechanics of breast cancer cells**

Andra-Cristina Dumitru, Université Catholique de Louvain

#### **Altered BMP receptor signaling and role for endothelial mechanobiology- putting BMPR2 and pulmonary arterial hypertension into focus**

Christian Hiepen, Freie Universitaet Berlin



**BSCDB Warming-up Mechanobiology Webinar 20-21**

**Thursday 10 June 2021 16:00 – 17:15**

Host: Isabelle Migeotte

Chair: Liesbet Geris

**TFMLAB: A toolbox for studying cell mechanics in 3D in vitro vascular disease model**

Jorge Barrasa Fano, KU Leuven

**Actuation Enhances Patterning in Human Neural Tube Organoids**

Abdel Rahman Abdel Fattah, KU Leuven

**Collective migration during a gap closure in a two-dimensional haptotactic model**

Marie Versaevel, Université de Mons