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The SCRM Steering Committee

Program

SCRM Annual Meeting: from bench to bedside

SCRM Platform, University of Bern

Guest: SITEM-Insel

November 06 2015

Haus der Universität, Schlösslistrasse 5, Bern
Abstracts

Stefano Piccolo

The Hippo transducers YAP/TAZ in stem cells and cancer. We study how cells sense their environment and use this information to build and maintain tissues with specific form, size and function, and how these systems are corrupted in diseases. At the centerpiece of these events is the activity of the transcriptional coactivators YAP and TAZ. Enhanced YAP/TAZ activity is emerging as a hallmark of multiple human tumors. I will discuss the cell and tissue-level mechanisms that lead to unrestrained YAP/TAZ activity, in turn essential

Eduardo Moreno

Regulating the cellular composition of our bodies using Fitness Fingerprints. Humans are able to detect fitness decay in other colleagues by looking at the graying of the hair or the wrinkles in their faces. Work from my laboratory in the last few years has shown that cells can also detect fitness levels of neighboring cells using a molecular code. Those “fitness fingerprints” can be used to mediate cell selection by recognizing and eliminating less fit cells during ageing (Merino et al., Cell, 2015) and cancer (Levayer et al., Nature 2015).

Program

12h30 - 13h00 Registration and welcome coffee

13h00 Welcome

Prof. Eliane J. Müller, Vetsuisse Faculty / Bern University Hospital

Key note lectures
13h15 - 14h00 Prof. Stefano Piccolo, Department of Molecular Medicine

University of Padua School of Medicine, Padua, Italy

The Hippo transducers YAP/TAZ in stem cells and cancer

14h00 - 14h45 Prof. Eduardo Moreno, Institute for Cell Biology, Phil Nat Faculty,

University of Bern, SCRM Platform

Regulating the cellular composition of our bodies using Fitness Fingerprints

15h00 – 15h30 SCRM Platform: activities and future directions

15h30 - 16h00 Coffee break

Sitem-Insel – Clinical projects and opportunities
16h00 - 17h30 Clinical GMP projects at the Bern University Hospital

Baerlocher Gabriela/Papst Thomas
Leib Stephen/Denis Grandgirard/Jenkinson Stephen/Perny Michael
Senn Pascal/Roccio Marta
Surbek Daniel/Schoeberlein Andreina
Tevaeauri Hendrik/Lecaudé Stéphanie
Geiser Thomas/Tamò Luca
Brügger Lukas/Gazdhar Amiq
Candinas Daniel/Stroka Deborah

17h30 – 18h00 Em. Prof. Felix Frey, Director Sitem-Insel

Sitem-Insel: Update and future directions

18h00 - 19h00 Networking Apéro