NIHS-EPFL Science Day
January 28, 2015 | EPFL, room CO3

09:00 – 09:25  Coffee & Croissants next to the Auditorium CO3
09:25 – 09:30  Welcoming session (Gisou van der Goot, Ed Baetge)

**METABOLISM** (Chair NIHS: Kei Sakamoto, Chair EPFL: Bart Deplancke)
09:30 – 10:00  Frédéric Gachon (NIHS)
“Post-translational regulation of rhythmic hepatic protein abundance: impact on physiology”
10:00 – 10:30  Félix Naef (EPFL)
“Temporal analysis of nuclear proteomes in liver and links with circadian physiology and gene regulation”

10:30 – 11:00  Coffee break in the SV Hall – Please follow the signs

11:00 – 11:30  Philipp Gut (NIHS)
“In vivo drug discovery for metabolic disease”
11:30 – 12:00  Bart Deplancke (EPFL)
“A genomic dissection of white and brown fat cell differentiation, one transcription factor and cell at a time”

12:00 – 13:00  Standing lunch in the SV Hall – Please follow the signs

**MICROBIOME** (Chair NIHS: Scott Parkinson, Chair EPFL: Nicola Harris)
13:00 – 13:30  Christian Lauber (NIHS)
“Gut Microbiome: Knee Deep in Feces and Information”
13:30 – 14:00  Nicola Harris (EPFL)
“Intestinal helminths modulate allergic inflammation indirectly by altering microbial metabolism”
14:00 – 14:30  Peter Sperisen (NIHS)
“BNICE with your Microbiome”
14:30 – 15:00  Melanie Blokesch (EPFL)
“The many faces of the intestinal pathogen Vibrio cholerae”

15:00 – 15:30  Coffee break in the SV Hall – Please follow the signs

**BRAIN HEALTH** (Chair NIHS: Gene Bowman, Chair EPFL: Pierre Magistretti)
15:30 – 16:00  Gene Bowman (NIHS)
“Nutrient biomarker patterns, cognitive function, and MRI measures of brain ageing (in older adults)”
16:00 – 16:30  Johannes Graff (EPFL)
“Re-opening the memory book: A reversible epigenetic blockade of cognitive functions in neurodegeneration”
16:30 – 17:00  Pierre Magistretti (EPFL)
“Neuron-glia metabolic coupling: implications for brain health”
17:00 – 17:30  Umberto De Marchi (NIHS)
“Mitochondrial signal transduction and energy metabolism: from matrix Ca2+ to redox changes”

17:30 – 17:35  Closing session (Harald Hirling, Eric Rolland)