

Microscopy CORE Lab Ambassadors Day program Thursday, 23.3.2023
MUMC+, Elevator H to Niveau 4 - Room 4.E2.020 Greepzaal

09.00 – 09.15	Opening and Introduction
09.15 – 09.35	Marjo Donners (<i>Pathology</i>) <i>“Multispectral imaging and functional profiling of macrophage heterogeneity in the atherosclerotic environment”</i>
09.40 – 10.00	Irene Hemel (<i>Centre for Systems Biology MACSBIO</i>) <i>“Mission impossible? Visualizing a novel mitochondrial phenotype”</i>
10.05 – 10.25	Sebastien Foulquier (<i>Pharmacology & Toxicology</i>) <i>“Imaging of the cerebral vessels: from structure to function”</i>
10.30 – 10.50	Anne Gemmink (<i>Nutrition & Movement Sciences</i>) <i>“A microscopic view on skeletal muscle metabolism in type 2 diabetes”</i>
Coffee break	
11.05 – 11.25	Stefan Giselbrecht (<i>MERLN</i>) <i>“Synthetic morphogenesis in microfluidic systems”</i>
11.30 – 11.50	Sophie Stroeks (<i>Cardiology</i>) <i>TBA</i>
11.55 – 12.15	Charlotte van Gorp (<i>Pediatrics</i>) <i>“Mucosal barrier dysfunction in the premature ovine intestines in the context of perinatal stress: mechanistic link with NEC”</i>
12.20 – 12.40	Tom Keulers (<i>Radiotherapy</i>) <i>“Secretion of pro-angiogenic extracellular vesicles during hypoxia is dependent on the autophagy-related protein GABARAPL1”</i>
Lunch break	
13.15 – 13.35	Birke Benedikter (<i>Ophthalmology</i>) <i>“From nano- to millimeters: An imaging journey from extracellular vesicles to developing retina organoids”</i>
13.40 – 14.00	Paul Wieringa (<i>MERLN</i>) <i>“Multilateral 3D scaffolds for generating in vitro tissue models”</i>
14.05 – 14.25	Raimond Ravelli (<i>M4I</i>) <i>“Cool structures”</i>
14.30 – 14.50	Veerle Melotte (<i>Pathology</i>) <i>“When colorectal cancer gets nervous”</i>
Coffee break	
15.05 – 15.25	Alard Roebroek (<i>Cognitive Neuroscience</i>) <i>“Multiscale investigation of human cortical architecture with light sheet microscopy”</i>
15.30 – 15.50	Wenting You (<i>Ophthalmology</i>) <i>“From Death to Life: Rescuing Dying Neurons from Programmed Cell Death”</i>
15.55 – 16.00	Closure