**Microscopy CORE Lab Ambassadors Day program Tuesday, 9.4.2024**

 **MUMC+, Elevator H to Niveau 4 - Room 4.E2.020 Greepzaal**

09.00 – 09.15 Opening and Introduction

09.15 – 09.35 **Pieter Goossens *(Pathology)***

"Multispectral microscopy to image macrophage subsets in their natural habitat"

09.40 – 10.00 **Bart van Grinsven *(Sensor Engineering, FSE)***

 Title: TBA

10.05 – 10.25 **Marie-Eline Debeuf *(Dermatology)***

“Long-term remission of Hailey-Hailey disease by Er:YAG ablative laser therapy“

Coffee break

10.45 – 11.05 **Francesca Giacomini *(MERLN)***

“Formation of Enthesis-like Tissues from Multicellular Ligament and Bone Spheroids“

11.10 – 11.30 **Navya Premaraj (*M4i Nanoscopy)***

 “Current development in cryo EM for cells & tissues“

11.35 – 11.55 **Dimitris Kapsokalyvas *(Genetics and Cell Biology)***

 "Imaging human pre-eclamptic placenta"

12.00 – 12.20 **Emmanuelle Javaux *(Liege University)***

“Transmission Electron Microscopy, a powerful tool to shed light on the early evolution of life”

Lunch break (12.30 -13.00)

13.00 – 13.20 **Sabine van Rijt *(MERLN)***

“Hollow silica nanoparticles as novel gene delivery tools in regenerative medicine applications“

13.25 – 13.45 **Judith Hounjet *(Radiotherapy/Maastro)***

“Unraveling molecular mechanisms using transmission electron microscopy: a magnificent tool for each project”

13.50 – 14.10 **Merel Stiekema *(Genetics and Cell Biology)***

"Confocal and STED microscopy of A- and B-type lamins in laminopathy patients"

14.15 – Closure