

Tech Talk: Biomedical Imaging

Room: **Aalmarktzaal**
Time: **Tuesday 13:30 to 15:00**
Chair(s): **Robert Rissmann / Sylvia Le Dévédec**
Organizing FIGON partner(s): **LACDR / NVFB / NVT / LBSP**

Many imaging techniques have been emerging in the last decade. The *Biomedical Imaging Session* will give an update on the various techniques employed at different institutes and research groups at molecular, cellular, tissue and organ level. Examples will entail mechanistic understanding of disease, application in drug discovery and drug development and clinical practice patients.

Invited lectures:

- 13:30 – 13:40 **Session introduction to (functional) imaging**
Dr. Sylvia Le Dévédec – LACDR/Leiden Cell Observatory
- 13:40 – 14:00 **Identification of a Bromodomain-like region in 15-Lipoxygenase-1 explains its Nuclear Localization**
Dr. Deng Chen – Rijksuniversiteit Groningen
- 14:00 – 14:20 **Advanced multimodal cellular imaging**
Dr. Ziryan Othman – Nikon LBSP
- 14:20 – 14:40 **Cryo-EM as a tool to develop novel antibiotics and a Corona vaccine**
Dr. Meindert Lamers – LUMC / NeCEN
- 14:40 – 15:00 **Multimodal imaging of the skin**
Prof. Dr. Robert Rissmann – LACDR/CHDR

Indicated speaker time includes 5 minutes for discussion