



# PUXANO TALKS

## Emerging technologies in Structural Biology

February 17<sup>th</sup> 2023 @Otterburcht, Ghent, Belgium

**10:00-10:15** **Welcome**

**10:15-12:30** **1<sup>st</sup> Session. Advances in Cryo-EM**

10:15-11:00 ✕ Deconstructing Cryo-EM Grids  
*Wouter Van Putte (PUXANO, BE)*

11:00-11:45 ✕ Mechanism of receptor assembly via the pleiotropic adipokine Leptin  
*Kenneth Verstraete (VIB-IRC, BE)*

11:45-12:30 ✕ Structural Characterisation of Human Urea Transporters UT-A and UT-B and their Inhibition  
*Gamma Chi (Centre for Medicines Discovery, University of Oxford, UK)*

12:30-13:30 **LUNCH**

**13:30-16:30** **2<sup>nd</sup> Session. OF/AF in experimental structural biology**

13:30-14:30 ✕ Running OpenFold on the VSC infrastructure  
*Carl Mensch (VSC, BE)*

14:30-15:30 ✕ OpenFold. Democratizing AI for Biology  
*Mohammed AlQuraishi (Columbia University, US)*

15:30-16:00 **COFFEE BREAK**

16:00-16:30 ✕ Integrating OF/AF in Cryo-EM image processing and protein construct design  
*Sam Detry / Moisés Maestro (PUXANO, BE)*

**16:30-17:00** **Wrap-Up**

Afterwards, 🍷🍔 and 🍺 will be served.

Interested? Contact [info@puxano.com](mailto:info@puxano.com) and join us!

Venue: Otterburcht, Ottergemsesteenweg-Zuid 713, 9000 Ghent, Belgium.