



Marie Skłodowska-Curie Actions
Doctoral Networks



Two MSCA PhD positions in Physical Virology at Umeå University

Curious about the role of the glycocalyx during viral infection?

Eager to learn advanced biophysical tools?

Want to be part of an international and interdisciplinary network?



Single-particle study of viral mobility in the glycocalyx

- 3D-tracking of viruses at the cell surface
- Development of computational and AI analysis
- Super-resolution microscopy of the glycocalyx

Endothelial glycocalyx degradation during viral diseases

- Physical state of the endothelial glycocalyx
- Advanced biophysical and analytical tools
- In-vitro models and biomimetic platforms



Scan or click on the QR codes to apply and join the vibrant Bally Group

Learn more at:

- <https://ballylab.com>
- <https://www.umu.se/en/>
- <https://www.glycocalyx.org/>

