

# 2nd Scottish Cryo-EM Symposium

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9:30 - 10:00 **Registration - Atrium**

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10:00 - 12:30 **Morning Session - Seminar Suite**

*Welcome from the organisers* **Éilís McClay, James Streetley, Martin Rennie, YJ Chang**

*Welcome and introduction to SCMI activities* **David Bhella, Director of SCMI, University of Glasgow**

*The E3 ubiquitin ligase Parkin and its mysteries: can we solve them with cryoEM* - **Joanna Koszela, University of Glasgow**

*The extended morphology of human exocyst defines its function* - **Derick Xu, University of Dundee**

*Structural characterisation of nucleosomes from Trypanosoma brucei reveals unique features of the trypanosomatid chromatin landscape* - **Gauri Deak, University of Edinburgh**

*The molecular sociology of PML bodies in human fibroblasts* - **Arianna Raponi, University of Glasgow**

*Chasing efficiency in single particle cryo-EM at 200 kV in Scotland: screening, computing, and TPD* - **Mark Nakasone, CeTPD, University of Dundee**

*Structural basis of PP2A-mediated regulation of accurate cell division* **Paula Sotelo Parrilla, Gene Centre Munich, LMU**

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12:30 - 14:00 **Lunch and Poster Session - Atrium/Exhibition Space**

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14:00 - 15:35 **Afternoon session - Seminar Suite**

*Mechanism of degrader-targeted protein ubiquitination* - **Charlotte Crowe, CeTPD, University of Dundee**

*Peptide paralysis: how tiny toxins bring muscles to a standstill* - **Michael Capper, University of Glasgow**

*Understanding the molecular mechanism of PINK1 activation* - **Olawale Raimi, University of Dundee**

*MVLS Shared Research Facilities: Neil Bulleid Integrated Protein Analysis* - **Mads Gabrielsen, Integrated Protein Analysis Lab, University of Glasgow**

*Updates from the facility managers* - **James Streetley, Martin Singleton, Tom Owen-Hughes**

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15:35 - 16:30 **Advice session - Atrium**

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16:30 - 18:00 **Social Event**