

Session Program

May 17, 2021

**WSMON3: Cryo-EM at LBMS: Protein
Structures, Protein-protein and Protein-cell
Interactions**

Session Chair: Yong Xiong (Yale University)

Zoom link will be provided, Virtual Workshop

Mon, May 17

1:00 PM

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Session | **Location:** Zoom link will be provided, Virtual Workshop

1:00 - 1:30 PM

Opening windows into the cell: bringing structure to sell biology using cryo-Electron Tomography

Speaker

Elizabeth Villa

1:30 - 2:00 PM

Cryo-ET data collection with SerialEM

Speaker

Jun Liu

2:00 - 2:30 PM

Don't throw away your data! Topaz deep learning particle picking results in more complete cryoEM structures

Speaker

Alex Noble

2:30 - 3:00 PM

Improving SPA data processing pipeline by skipping 2D classification

Speaker

Farzad Jalali-Yazdi

3:00 - 3:30 PM

Discussion with LBMS personnel and speakers

Speaker

Qun Liu

3:30 - 4:00 PM

Break

4:00 - 5:00 PM

Demo: single particle data collection using EPU

Speaker

Guobin Hu

5:00 PM