



Pacific Northwest bioMedical Innovation Co-laboratory (PMediC):

An OHSU/PNNL Collaboration



PMediC SEMINAR SERIES

SEPTEMBER 7, 2022 | 3:00–4:00 P.M.

The Pacific Northwest Center for Cryo-EM

In recent years a high-resolution imaging technology, known as cryo-electron microscopy (cryo-EM), has emerged as a “revolutionizing” approach to structurally characterizing biological macromolecules at the atomic (or near-atomic) level. The tremendous impact that cryo-EM has had on molecular biology and biomedical research stems from its ability to define biological systems that had long-evaded traditional methods of structural analysis such as crystallography. Nevertheless, there has remained significant barriers to accessing cryo-EM technologies associated with the exorbitant cost and specialized expertise required for operation and maintenance of sophisticated instruments. To address these challenges, OHSU and PNNL worked together to establish the



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Pacific Northwest Center for Cryo-EM (PNCC), one of three national centers supported by the NIH Common Fund providing access and training in cryo-EM technologies free-of-charge to users. Principal Investigators from OHSU and PNNL will provide an overview of the center’s mission, how expertise and infrastructure from both institutions have been leveraged for operating the program, key impacts that have been made to the cryo-EM and biomedical community and our vision for future growth and long-term success of this collaboration.

Join the Meeting

