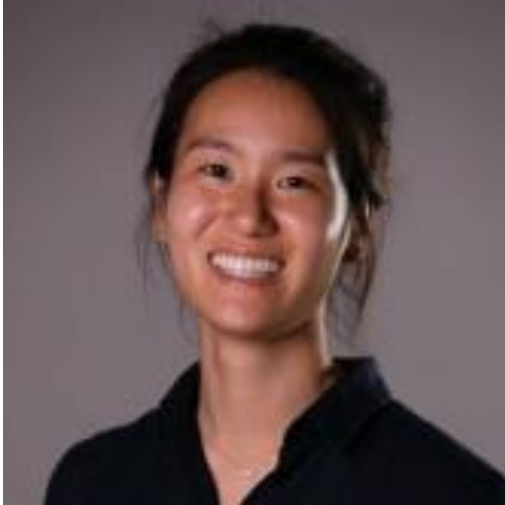




## NIDDK P30 Center for Molecular Studies in Digestive and Liver Diseases Research Seminar



### **Dr. Jina Ko, Ph.D.**

Assistant Professor of Bioengineering  
University of Pennsylvania School of Engineering and Applied Science  
Assistant Professor of Clinical Pathology and Laboratory Medicine  
Perelman School of Medicine at the University of Pennsylvania

### ***“Single Biomarker Profiling for Molecular Diagnostics”***

Thursday, January 18, 2024

12:00 – 1:00 PM EST

901 Biomedical Research Building

Lunch is provided, all are invited.

901 Biomedical Research Building or <https://pennmedicine.zoom.us/j/98939770145>

This talk will focus on the use of cells and extracellular vesicles (EV) as diagnostic biomarkers. To minimize confounding from cell and particle heterogeneity, we have developed an ultra-fast cycling method for single cell analysis and an ultra-sensitive microfluidics method that can achieve single particle detection sensitivity, enabling individual EV measurements

Please visit <https://www.med.upenn.edu/CMSDLD/>  
for more information about past and future seminars.