

DEPARTMENT OF BASIC MEDICAL SCIENCES SEMINAR SERIES

A weekly lecture series covering diverse topics in the biomedical sciences

Seminar Title:

Single Molecule and Single Particle Analysis for Clinical Diagnosis



Thursday, January 15, 2026

12 p.m. - 1 p.m.

via ZOOM: <https://arizona.zoom.us/j/86171787394>

David R. Walt, PhD

Hansjörg Wyss Professor of Bioinspired Engineering at Harvard Medical School, Professor of Pathology at Harvard Medical School and Brigham and Women's Hospital Wyss Institute at Harvard University

CME credit provided by the University of Arizona College of Medicine-Tucson

Learning Objectives

1. Understand the limits of conventional protein analysis.
2. Learn how single molecule measurements enable detection of biomarkers that cannot be measured with conventional technologies.
3. Learn how extracellular vesicles provide organ and tissue-specific information that can be used for more precise diagnosis.

Accreditation Statement:

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The University of Arizona College of Medicine - Tucson and University of Arizona College of Medicine - Phoenix. The University of Arizona College of Medicine - Tucson is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Arizona College of Medicine - Tucson designates this Live Activity for a maximum of 1.00 AMA PRA Category 1 Credit(s)TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Relevant Financial Relationships Statement(s):

University of Arizona College of Medicine - Tucson Continuing Medical Education adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible entities (commercial interests). The CME office reviewers have nothing to disclose. All relevant financial relationships have been mitigated prior to the commencement of the activity.

Name of individual / Individual's role in activity / Nature of Relationship(s) / Name of Ineligible Company(s)

David R Walt, PhD Faculty Nothing to disclose - 01/05/2026

Liya Yin, MD, FAHA Planning Committee Member Nothing to disclose - 12/04/2025

Frederic Zenhausern, MBA Activity Director Nothing to disclose - 12/04/2025

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