BioPACIFIC MIP has moved!

UCSB

With the continued goal of expanding the impact and translational potential of materials innovation, BioPACIFIC MIP has established a new state-of-the-art facility at UCSB: OASIS (Opportunities for Advanced Synthesis, Innovation, and Scale). This new facility represents a significant step forward in enabling researchers to move beyond small-scale discovery toward gram- and kilogram-scale materials production, addressing a critical gap between laboratory research and real-world application.

The transition to OASIS reflects BioPACIFIC MIP's broader mission to support not only the discovery of new materials, but also their development at scales relevant to industry and technology deployment. By integrating advanced synthesis, processing, and scale-up capabilities within a user-accessible environment, OASIS provides a unique platform for researchers to evaluate materials performance under more realistic conditions and to accelerate the translation of innovations from the bench to practical use.

The new facility also enhances opportunities for collaboration across academia and industry by lowering barriers to scale-up and enabling workflows that are aligned with manufacturing and commercialization pathways. In doing so, OASIS strengthens BioPACIFIC MIP's role as a hub for innovation, workforce development, and partnership-building, while expanding the scope of research that can be supported within the MIP ecosystem.

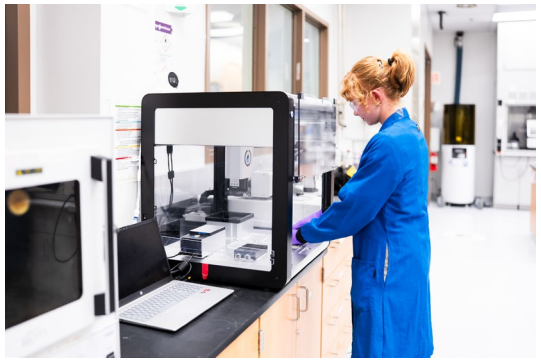






Figure 1. The OASIS facility at UCSB expands BioPACIFIC MIP capabilities for scalable materials synthesis and translational research.