

Advanced Biofuels **and Bioproducts** Process Demonstration Unit: a community resource

- 15,000 square foot Demonstration Lab established by American Recovery and Reinvestment Act funds in 2009 - <http://abpdu.lbl.gov/>
- Work closely with DOE EERE's BioEnergy Technologies Office (BETO)



- A bio-process research incubator / accelerator – industry-friendly IP rights, cost-recovery project fee structure, experienced team, and Bay Area location

Broad product and industry partner base: spanning bioprocess, chemical & cell-free system development



Biofuels & biomass

Materials & chemicals

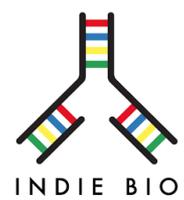
Food & health

Waste & water



Completed projects

Ongoing



JGI partnership opportunity:

Emerging Technology Opportunities Program (ETOP)



- ETOP goal is to identify partners and fund projects to develop new technical capabilities in rapid prototyping of gene and pathway function targeting organisms found in natural environments:
 - High-throughput cell-based systems for biological and metabolic characterization
 - **Cell-free technologies that enable scaleable *in vitro* gene and pathway functional analyses**
 - Sensor-based technologies, biological or non-biological, that enable *in vivo* reporting of metabolic activity and/or activity-based cell sorting
- The FY2018 call will be announced at <http://jgi.doe.gov/user-program-info/other-programs/>