

CatAssays



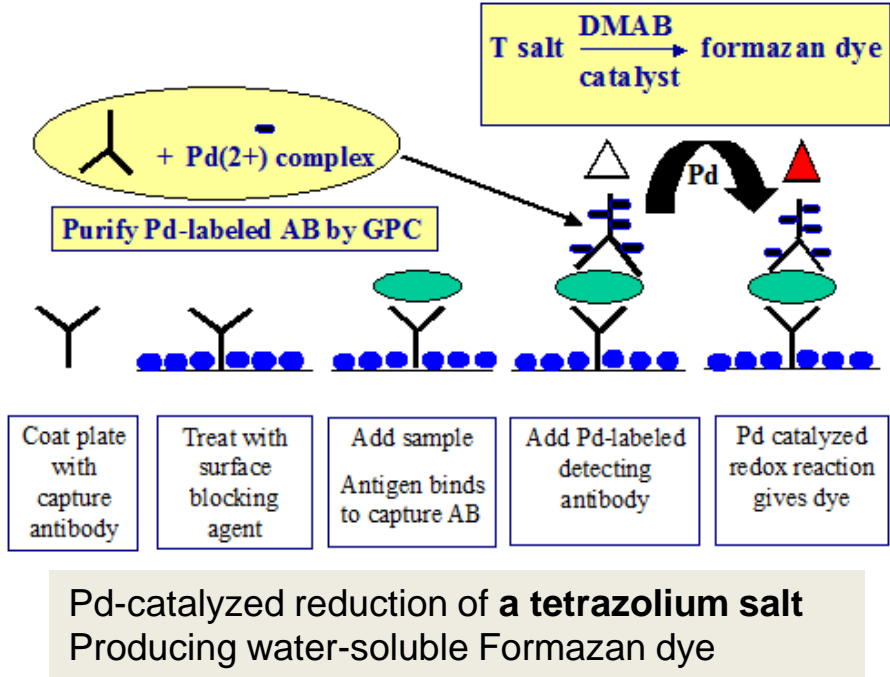
Goal: Diagnostic Test, Ovarian Cancer
 ELISA-format bioassay
 Higher sensitivity & earlier detection

Project 1- Expert: Synthesis of tetrazolium salts (2011) Prof. Chad Lewis (Chemistry)
 - Affordable & resistant to chemical reduction (unwanted background reduction)

Impact: 2015 NCI Phase 1 SBIR

Project 2- Instrument: High resolution TEM (2015) Prof. Lena Kourkoutis (Applied Physics)

- Size & structure of Gen-2 polymeric nanoparticles containing the Pd catalyst & surface functionalized w/streptavidin for binding to any biotinylated detection AB



“The CCMR enables start-ups, such as CatAssays, to cost-effectively tap into the world-class expertise and advanced equipment, otherwise, not available to start-up companies, and provides very valuable assets in pushing basic concepts to commercialization.” Henry Gysling, Mark LeLental, Managing Partners, CatAssays, Rochester, NY.