

architecture

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BIOTECH / LIFE SCIENCE

Gen-Probe, Inc. – Building 2 (San Diego, CA) A 291,000 square foot shell and tenant improvement project including a 146,700 square foot wet lab. Designed as a flex-use facility, the two-story building accommodates a variety of administration and office functions, cafeteria, fitness center, research and development laboratories, future product manufacturing, finished product warehouse requirements. The project's high performance design achieved SDG&E "Savings By Design" incentives of \$189,000.

Gen-Probe, Inc. - Blood Bank (San Diego, CA) 98,000 square foot diagnostic kit manufacturing, clean room, lab facility with extensive central plant and utility distribution.

Roka Bioscience, Inc. (San Diego, CA) 56,700 square foot interior renovation / tenant improvement for a medical / industrial diagnostic test device manufacturer focused on developing rapid & highly accurate molecular assays for biopharmaceutical production, water and food safety testing, and other applications. Scope included reconfiguration of 15,200 square foot R&D wet lab, 3,500 square foot wet lab, new Customer Training lab and classroom, replacement of all HVAC equipment and interior finishes, new 500 square foot walk-in cold room, and 200 square foot modular Environmental Test Chamber.

Arena Pharmaceuticals (San Diego, CA) 75,260 square foot, shell & tenant improvement project for a five-story building to accommodate office use. This facility was designed to be environmentally sensitive, and is LEED-NC Gold Certified by the US Green Building Council. For example, the PV system on the adjacent existing building provides nearly 20% of the five-story's electrical use. Overall, the facility's design exceeds Title 24 Energy Standards by 30.9%. Complete LEED Case Study is available upon request. Smith Consulting Architects has also designed numerous tenant improvement projects within Arena's campus since 2005. This includes another 21,000 square feet of office space, 12,000 square feet of wet lab, and a 9,300 square foot Vivarium.

Beckman-Coulter (Carlsbad, CA) Ongoing projects within the entire 133,000 square foot office, R&D, lab, production facility. Beckman-Coulter has been a Client of Smith Consulting Architects since 1995. Other past projects include an 8,400 square foot H3/H7 reagent development facility with below grade secondary containment, via trenches leading to ventilation subterranean sumps and exterior neutralization containment and tanks.

Dow Agrosciences and Dow Chemical Company (San Diego, CA) Facility upgrades for 90,000 square feet of lab, office, and conference areas. For example, BL-2 Biology labs, temperate & humidity controlled larval holding facility, agricultural growth chambers, and also a bacterial, fungal, and viral containment facility.

Natural Alternatives International (Vista, CA) 99,840 square foot tenant improvement including office, R&D chemistry labs, capsule / fill lines, raw material, and finish product warehouse.

Zimmer Dental (Carlsbad, CA) 72,425 square foot manufacturing and training facility for dental implant systems. Production areas include tooling machines for parts, and a coating area with kilns. The second floor of the building is used primarily as a training area. Conference and presentation rooms accommodate hands-on training for dentists and oral surgeons, providing professionals the opportunity to perfect their implant procedures.

River Medical (San Diego, CA) 27,000 square foot class 100,000 clean room medical device manufacturing tenant improvement with 2,000 square foot class 1000 clean room product fill suite.

Aperio (Carlsbad, CA) 15,000 square foot interior / efficiency improvement. Project includes 17 daylight-harvesting skylights that provide the former warehouse space with natural lighting. As a result, no artificial lighting is required during the daytime hours. Light and motion sensors also add for additional energy savings.

Biosyn Corporation (Carlsbad, CA) 3,200 square foot wet lab / clean room facility for serum harvesting.

Alaris (San Diego, CA) 80,000 square foot corporate office headquarters and manufacturing facility.

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