



San Diego, California

ADDRESS | 3550 John Hopkins Ct, San Diego, CA 92121

START OF OPERATIONS | Previously Verenum Co., acquired by BASF in 2013.

LOCATION | BASF Enzymes is located in San Diego, California and is BASF's North American Biotechnology Innovation Center

SITE MANAGER | Adrienne Davenport

About the site:

We are BASF's North American Biotechnology Innovation Center with an end-to-end capability platform offering product development and research services to both BASF and external partners and customers. Our digital and wet-lab R&D platform includes all steps of product development from gene discovery to large scale production of industrial enzymes, biobased chemicals and biocatalysts. Laboratories and expertise include: Analytical, Applications & Formulations; Automation Technologies; Gene Product Discovery and Optimization; Molecular Biology and Biobased product strain development; Fermentation, Recovery and Process Scale-Up; Home Care; Bioenergy; Animal Nutrition; Quality Control.

Other functional areas: We are an integrated unit in San Diego, which combines R&D, Regulatory Affairs, Intellectual Property, Quality Management, Scouting, and Business Management. The units are either part of BASF Research, Care Chemicals, Nutrition and Health, Global Digital, or in the case of IP-Management belong to other competence centers.

Technical competencies/capabilities:

- Bioproduct Discovery: Sequence or functional screening-based
- Optimization of gene products by genetic engineering techniques
- High-throughput screening and automation
- R&D-IT systems, Computational Biology and Data Science, DBTL
- Genetic engineering of bacteria, yeasts and fungi for bioproduct expression
- Fermentation in lab-scale and commercial scale
- Bioproduct downstream processing and stabilization
- Bioproduct manufacturing, fermentation, downstream processing, engineering
- Product biochemistry, biophysics, characterization and analytics
- Applications performance screening, incl. technical customer support
- Quality assurance and control
- Scouting for new business opportunities
- Enzyme business management, incl. controlling and supply chain
- Bioproduct registration
- IP management

Economic Impact

- Annual Payroll \$19.4M*
- Payment of \$152K in local and state tax*
- Capital investment of \$980K*

*Year-end 2022 data

NUMBER OF BUILDINGS



Eight laboratories on site

NUMBER OF EMPLOYEES



Employees | 105

(Research, business, corporate functions, and temporary employees)

CONTACT INFORMATION

(For additional information)

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