SAN DIEGO COUNTY IS HOME TO THE WORLD'S THIRD-LARGEST CONCENTRATION OF BIOTECHNOLOGY COMPANIES

BIOTECH EDUCATION . **INSANDIEGO**

The following represent some of the region's biotechnology-related institutions:

■ THERAPY / DRUG

Acadia Pharmaceuticals Inc. Actimis Pharmaceuticals Inc. ActivX Biosciences Inc. Adamis Pharmaceuticals Advanced Molecular Design Adventrx Pharmaceuticals Inc. Aegis Therapeutics LLC Aires Pharmaceuticals Akesis Pharmaceuticals Inc. Alliance Pharmaceutical Corp. Ambit Biosciences Corp. Ambrx Inc. American Life Sciences Pharmaceuticals Inc. Amira Pharmaceuticals Inc. Amylin Pharmaceuticals Corp.

Anaborex Inc. Anadys Pharmaceuticals Inc. Anaptys Biosciences Inc. Androclus Therapeutics AndroScience Corp. AnGesInc. Angstrom Pharmaceuticals Inc. AntiCancer Inc. **Applied Molecular Evolution** Ardea Biosciences Inc. Arena Pharmaceuticals Ascenta Therapeutics Inc. Attenuon LLC aTyr Pharma Inc. **Auspex Pharmaceuticals** Avera Pharmaceuticals Inc. Balboa Biosciences Biogen Idec Inc. BioMedica Inc. Biosyn Corp. BioVascular Inc. BrainCells Inc. Cadence Pharmaceuticals CalciMedica Inc.

Calmune Corp. Celgene Corp. Celladon Corp Coda Therapeutics Inc. Conatus Pharmaceuticals Inc. CovX Pharmaceuticals Cylene Pharmaceuticals Cypress Bioscience Inc. CytRx Corp. Encysive Pharmaceuticals Inc. EpiCept Corp.

Excaliard Pharmaceuticals Inc. Exelixis Inc. Favrille Inc. Gemini Science Inc. Genelux Corp. Genentech Inc. Halozyme Therapeutics Inc. Histogen Inc.

Hitsamitsu California Labs Hollis-Eden Pharmaceuticals Hospira Inc. Ibis Therapeutics Inc. Imagine Pharmaceuticals Inc. Immusol Inc Integration Biosciences Inc.

Intellikine International Stem Cell Corp. Intrinsic LifeSciences LLC Isis Pharmaceuticals Inc. ItherX Jaden Bioscience Inc.

Johnson & Johnson Research Kalypsys Inc. Kanisa Pharmaceuticals Inc. Kemia Inc. Kirin Pharma USA Inc. La Jolla Pharmaceutical Co. Latitude Pharmaceuticals Inc.

Ligand Pharmaceuticals Inc. Lpath Inc. Mapp Biopharmaceutical Inc. MediciNova Inc. MediGene Inc.

Medinox Inc. Merck Research Laboratories of San Diego Metabasis Therapeutics Inc.

MicroIslet Inc. Micromet Inc. Migenix Corp. Mixture Sciences Inc. Mpex Pharmaceuticals Multicell Technologies NOD Pharmaceuticals Inc. Nativis Inc.

Nereus Pharmaceuticals Inc. Neurocrine Biosciences Inc. Neurosynch NexBio Inc.

Novalar Pharmaceuticals Inc. NovaRx Corp. Novocell Inc. Nventa Biopharmaceuticals Ocera Therapeutics Inc. Optimer Pharmaceuticals Inc. Opus Pharmaceuticals Inc. Orexigen Therapeutics Inc. Orphagen Pharmaceuticals Pacific Beach BioSciences

Pacira Pharmaceuticals

Paxvax Inc.

Pfizer Global R & D La Jolla Pharmexa-Epimmune Inc. Phenomix Corp. ProActa Inc. Prometheus Laboratories Inc. Proprius Pharmaceuticals Inc. Protemix Corp. Ltd. Regulus Therapeutics Remora Pharmaceuticals Inc. RIncon Pharmaceuticals SGX Pharmaceuticals Sangart Inc. SanRx Pharmaceuticals Inc. Santarus Inc. Sequel Pharmaceuticals Sirion Therapeutics Somaxon Pharmaceuticals Inc. Stemedica Cell Technologies Synthasome Inc. Takeda San Diego Tanabe Research Laboratories **Tandem Diabetes** TargeGen Inc. Therapeutics Inc. Theregen Inc. Tioga Pharmaceuticals Tissue Repair Co. TorreyPines Therapeutics Tracon Pharmaceuticals Inc. Tragara Pharmaceuticals Inc. Traversa Therapeutics Inc. TriLink BioTechnologies Trius Therapeutics VentiRx Pharmaceuticals Inc. Vertex Pharmaceuticals San Diego LLC Verus Pharmaceuticals Inc.

ODIAGNOSTIC

Accumetrics Inc.

Vical Inc.

Victory Pharma

Zogenix Inc.

Alfa Scientific Designs Allermed Laboratories Inc. Applied Spectral Imaging Inc. Argus Bioscience USA Inc. AutoGenomics Inc. AviaraDx Inc. Beckman Coulter-San Diego Biocept Inc. Biosite Inc. CTK Biotech Inc Celula Inc. Diazyme Laboratories **Epitope Diagnostics** GenBio GeneOhm Sciences Inc. Genetic Profiles Corp. Genoptix Inc. Gen-Probe Inc. Genzyme Diagnostics ICx Biosystems IVD Research Inc. Illumina Inc. Inova Diagnostics Inc. InVivoScribe Technologies Ionian Technologies Inc. Ischem Corp. Johnson & Johnson International Inc. Lusvs Laboratories Inc. Mardx Diagnostics Maxmed Laboratory Inc. MeDiCa Nanogen Inc. Phamatech Qualigen Inc. Ouidel Corp.

▲ DEVICES

VIC Torch Medited

Sequenom Inc.

Trinity Biotech

Syntron Bioresearch Inc.

Ability Biomechanics International. Inc. Advanced Brain Monitoring Inc. Aethlon Medical Inc. Alphatec Spine Inc. Aperio Technologies Arrow Imaging Inc. Avail Medical Products Inc. Axel Bio Corp. Bioelectric Medical Solutions Boston Scientific Corp. Breg Inc. C R Bard Inc. Cardinal Health/Alaris Product Cardinal Health-Pyxis Cardiodynamics International CardioNet Cardium Therapeutics Inc. Carl Zeiss Meditec Inc. CircAid Medical Products Inc. Clinicon Corp. Conception Technology CryoCor Inc. Cytori Therapeutics Inc.

Derma Medical Systems Inc.

DexCom Inc. Digirad Corp. DJO Inc. Dupaco Inc. Femcap Inc. Freedom Meditech Inc. GlySens Inc. Hartwell Medical Corp. Hemosaga Diagnostics Corp. lapyx Medical Ichor Medical Systems Inc. Innercool Therapies Inc. Inovio Biomedical Corp. J & J Artificial Limb & Brace Kairos Scientific KFx Medical Kimberly-Clark Healthcare Kinetic Concepts Inc. Kinetikos Medical Inc. LMA North America Inc. Luminous Medical MagneVu Mast Biosugery Inc. Med Systems MediVas LLC Medmetric Corp. Medwaves Inc. Micro Vision Optical Inc. Minnow Medical Naviscan Pet Systems Inc. Nexa Orthopedics NuVasive Inc. Ophthonix Inc. PhiloMetron PhotoMedex PhotoThera Inc. Protein Polymer Technologies ResMed Corp. Respironics Reva Medical Inc. Rox Medical Inc. Solace Therapeutics Inc. Spectrascience Inc. Tandem Medical Inc. Tensys Medical Inc. Therafuse Inc. Theralight Inc. Tulip BioMed Inc. Valor Medical Viking Systems Inc. Vital Therapies Inc. Zenith Medical Inc.

■ DERMATOLOGY / COSMACEUTICAL

Artes Medical Inc. Cosmederm Technologies Inc. Da Vinci Systems Inc. Dermatrends Inc. DermTech International Eckstein Biokosmetik USA Inc. SkinMedica Inc. Vasseur Inc.

OINDUSTRIAL

BIOTECH Amaratek American Innotek Inc. **Aqua Bounty Technologies** Cibus LLC Kent SeaTech Corp. Pure Biosciences Senomyx Inc. Synbiotics Corp. Synthetic Genomics Inc. US Microbics Inc. Verenium Vet-Stem Inc ZyGem Corp. Ltd. USA

▲ NEUTRACEUTICAL

Alnatex Ltd. American Biologics BioPharma Scientific Inc. Bio-Quant Inc. DRJ Group Inc. First Fishery Development Services Inc. iVOW Inc. J & D Laboratories Inc. K & K Laboratories Inc. Naturegen Inc. NatureWell Inc. Sabre Sciences Inc. Vyrex Corp.

CLINICAL RESEARCH

Affiliated Research Institute Arianne Aspire IRB Averion International Corp. California Clinical Trials Chiltern International Inc. Covance Inc. eStudySite INC Research Inc. Optimum Health Services

PRA International Pacific Sleep Medicine Services PharmaNet Inc. Profil Institute for Clinical Research Quintiles Pacific Inc. Resolutions LLC San Diego Uro-Research Synteract Inc. The Medical Center for Clinical Research in San Diego

OMANUFACTURING AND OTHER SERVICES

Aalto Scientific Ltd. Abbiotec LLC Abgent Inc. Accelagen Inc. Accugent Laboratories Inc. AccuTek Laboratories Inc. Advanced Targeting Systems Inc. Alagin Research LLC Allele Biotechnology & Pharmaceuticals AlphaGenix Inc. Alta Analytical Laboratory Althea Technologies Inc. AM Chemicals LLC American Peptide Co. Angio Bio Corp. Arrayomics Inc. ArtisOptimus Inc. Aurora Discovery Inc. AvantGen Inc. AxxoralIC Azco Biotech Inc. BPS Bioscience Inc. Bio Applied Tech Joint Inc. Bio Edge Inc. BioCarta Inc. BioDuro LLC

Aviva Systems Biology Corp. BD Biosciences Pharmingen BioFocus DPI BioFormatix Inc. BioLegend **Biologics Process Development** Biomatrica Inc. Bio-Matrix Scientific Group Inc. Riomyx Technology Biosery Corp. BioVerdant Biozyme Laboratories Brendan Technologies Inc. CBS Scientific Co. Inc.

Biopeptide LLC CP Kelco Carlsbad Technology Inc. Cassia LLC Cell Applications Inc. Cell Biolabs Inc. Centocor ChemBridge Research Labs Chemcvte Inc. Chemdiv Inc. Chemi-source Inc. ChemNavigator.com Inc.

Clinical Applications Labs Cliniga Corp. Coastline International Continental Lab Products Cosmo Bio USA Inc. Crescent Design Inc.

Cyntellect Inc. Dnamicroarray Inc. EMD Biosciences Inc. eBioscience Entearis Inc. **Environmental Microbiology**

Lab

Eton Bioscience Inc. Eurogentec Exon BioSystems Expert Chemical Analysis Explora BioLabs LLC Expression Technologies Inc. FFA Sciences LLC Fallbrook Technologies Inc. Focus Synthesis LLC Foray Technologies Gen2x LLC GenBase Inc. Genlantis Genomatica Inc. Gennathway Inc. GenVault Corp. Genway Biotech Inc. Geoscience Ltd. GloboZvmes Imagenex Corp. Innovative Cell Technologies Integra Biotechnical LLC Integra Neuro Sciences Invitrogen Corp. InvivoGen IriSvs Inc. Jingmei Biotech Co. Kinovate Life Sciences Inc. LabCorp LancellLLC Life Laboratories Inc. Lombart Instrument MacConnell Research Corp. Magnesensors Inc. Medco Inc. Med-e-Cell Metron Optics Inc. Micro-Tech Scientific Inc. Millenium Laboratories of California Inc. Mo Bio Laboratories Inc. Molecular Diagnostic Services Inc. Molecular Medicine BioServices Inc. Monolyte Laboratories Inc.

Nanosyn Inc.

NeoMPS

Novomedix Numega Resonance Orbigen Inc. Pacific GMP Pacific World Discovery LLC Pangenix Panlabs Biologics Inc. Perry Scientific Pharmaceutical Product Development Pharmatek Laboratories Phoenix Pharmacologics Inc. Predictive Biology Inc. PrimaPharm Inc. ProSci Inc. Protein Biotechnologies Inc. ProteinLabs Inc. Proteinlinks Inc. PSCD-Feighner Research Puracyp Inc. QED Bioscience Inc. Quadrants Scientific Inc. Regenemed Inc. Retrogen Inc. Ribomed Biotechnologies Inc. Scantibodies Laboratory Inc. Sciencell Research Laboratory Scripps Laboratories Senn Chemical SoluLink Biosciences Sterogene Bioseparations Inc. Stratagene Inc. Targeting Systems The Binding Site Inc. Therakem LLC Torrey Pines Scientific Inc. V & P Scientific Inc. Vala Sciences Inc.

Virapur LLC

Zyagen

VLP Biotech Inc.

VWR International

Vista Biologicals Corp.

Nitto Denko Technical Corp.

Nova Scientia Inc.

SAN

Las Peilas quitas

Casyon Preserve

TORREY

HILLS

ORRENTO

△ RESEARCH INSTITUTES

Mitamar Marine

Corps Air Station

With Here Styd

SORRENTO

Center for Neurologic Study Ferring Research Institute Inc. Genomics Institute of the Novartis Research Foundation Hubbs-Sea World Research Human BioMolecular Research Institute J. Craig Venter Institute La Jolla Bioengineering Institute La Jolla Infectious Disease Institute La Jolla Institute for Allergy and Immunology San Diego State University Research Foundation Sidney Kimmel Cancer Center The Burnham Institute for Medical Research The Neurosciences Institute The Salk Institute The Scripps Institution of Oceanography The Scripps Research Institute Torrey Pines Institute for Molecular Studies Inc. University of California San Diego Vaccine Research Institute of San Diego

SERVICE PROVIDERS

Abingdon Life Sciences Inc. Accelrys Inc. MedLink Corp. Yoh Scientific

SOURCES: Biocom; Rich's Business Information AGUSTIN ARMENDARIZ and SHAFFER GRUBB / Union-Tribune