

GENERAL TECHNOLOGY

Company	Product/activity	Location	URL
Advion BioSciences	Has an ESI chip for MS manufactured by Intellisense. Contract LC company.	Ithaca, New York	www.advion.com
Affibody	Uses proprietary protein to study protein-protein interactions. Associated with Gyros.	Stockholm, Sweden	www.affibody.com
ARRM	Robotics, associated with Hochstrasser and Genetix.	Adelaide, Australia	www.arrm.com
Biacore	Ligand fishing; surface plasmon resonance for real-time detection and monitoring of biomolecular binding events.	Uppsala, Sweden	www.biacore.se/proteomics
BioRobotics	Robotics for arrays and colony picking.	Cambridge, UK	www.biorobotics.com
Borealis Biosciences	Protein identification, affinity chromatography.	Toronto, Canada	www.protein-affinity.com
Caliper	Microfluidics-based 'lab-on-a-chip'. Capillary-based 'sipper chip' for continuous screening assays. Fluorogenic, electrophoretic mobility, including kinases and phosphatases. To come are calcium flux and membrane potential. Collaborates with Structural GenomiX and Agilent.	Mountain View, California	www.calipertech.com
Caprion Pharmaceuticals	CellCarta organelle purification-based identification of rare proteins.	Montreal, Canada	www.caprion.com
Ciphergen	Protein-chip reader, chip software, chip arrays (hydrophilic/hydrophobic, anion/cation exchange, immobilized metal), SELDI chip, protein-chip arrays for affinity capture.	Fremont, California	www.ciphergen.com
Cytomyx	Provides proteomics services from sample preparation through to MS.	Cambridge, UK	www.cytomyx.com
Europroteome	Works on epithelial cancers.	Hennigsdorf, Germany	www.europroteome.com
Genetix	GelPix spot excision, array products, robotics.	New Milton, UK	www.genetix.com
Genomic Solutions	Investigator proteomic system, fully integrated solution for identifying and characterizing proteins. ProGest sample preparation station.	Ann Arbor, Michigan	www.genomicsolutions.com
Gyros	Nanoscale 'lab-on-a-CD' for MS.	Uppsala, Sweden	www.gyrosmicro.com
Ingeny	On the verge of introducing an automated 2D-gel system.	Goes, Netherlands	www.ingeny.com
Integrative Proteomics	Uses Bruker XR, NMR, MS equipment for functional proteomics.	Toronto, Canada	www.integrativeproteomics.com
Large Scale Biology	Produces therapeutic proteins in plants. Is developing an antibody chip with Biosite 2D-gel factory.	Vacaville, California	www.lsb.com
LumiCyte	Protein biomarker profiles for drug development.	Fremont, California	www.lumicyte.com
MediChem	Protein expression, crystallization, structure, through subsidiary companies.	Woodridge, Illinois	www.medicchem.com/services/proteomics.htm
Myriad Genetics	ProNet yeast two-hybrid protein interaction system, ProSpec MS-based drug discovery.	Salt Lake City, Utah	www.myriad.com
NextGen Sciences	Platform technologies in proteomics, transcriptomics and genomics.	Huntingdon, UK	www.nextgensciences.com
Oxford GlycoSciences	2D gels, developing ICAT/MALDI-TOF system.	Oxford, UK	www.ogs.com
Pepscan Systems	Protein-protein interactions based on epitopes. epitope mapping, combinatorial peptide arrays and peptidomimetics. Lead development service.	Lelystad, Netherlands	www.pepscan.nl
Phylos	Antibody-based high-throughput 'HIP' chip; ProFusion selection technology based on protein fused to its own mRNA.	Lexington, Massachusetts	www.phylos.com
Protagen	Phosphorylation analysis.	Bochum, Germany	www.protagen.de
Proteomic Solutions	Proteomics service company.	St Marcel, France	www.proteomicsolutions.fr
Protein Pathways	Pathway analysis in mammals and microbes.	Los Angeles	www.proteinpathways.com
Proteome Sciences	Identifies protein markers in human disease targets. US subsidiary is Intronn LLC.	Cobham, Surrey, UK	www.proteome.co.uk
Proteome Systems	Glycosylation analysis, 2D-gel excision equipment, chemical printer for electroblotting gels to membranes, Axima CFR MS machine.	Sydney, Australia	www.proteomesystems.com
ProteoSys	Analyses modifications, quantifies down to sub-attomolar range.	Mainz, Germany	www.proteosys.com
Rigel	Oncology proteins, ubiquitin ligase.	South San Francisco, CA	www.rigel.com
Roche	Proteomics research centre.	Basel, Switzerland	www.roche.com
Sense Proteomic	COVET functional protein array.	Cambridge, UK	www.sensetherapeutic.com
Sensium Technologies	Uses biosensors to detect low abundance proteins, proteomics subsidiary of Aurora/Helix BioPharma.	Edmonton, Canada	www.helixbiopharma.com
SomaLogic	Aptamer arrays, partner with Celera.	Boulder, Colorado	www.somallogic.com
Syrrix	Structural proteomics, proteomics discovery platform with Eli Lilly.	San Diego, California	www.syrrix.com
Virtek	Desktop array reader can be used for 2D gels.	Ontario, Canada	www.virtek.ca
WITA Proteomics	High-resolution 2D-gel platform, protein identification. Alliance with Pharmagene.	Tetlow, Germany	www.wita-proteomics.com
Zymark	Robots for screening, liquid handling, plate management.	Hopkinton, Massachusetts	www.zymark.com
Zyomyx	Protein-chip development.	Hayward, California	www.zyomyx.com

MASS SPECTROMETRY

Company	Products	Location	URL
Agilent Technologies	Ion-trap MS machines.	Palo Alto, California	www.agilent.com/chem
Amersham Biosciences	Ettan DALT II MALDI-TOF MS.	Uppsala, Sweden	www.amershambiosciences.com
Analytica of Branford	Prototype MS developer.	Branford, Connecticut	www.aob.com
Applied Biosystems	API series (with MDS Sciex) and Voyager MS machines.	Foster City, California	www.appliedbiosystems.com
Bio-Rad	ProteomeWorks System, with MicroMass.	Hercules, California	www.proteomeworkssystem.com
Bruker Daltonics	Ultraflex 3000 TOF/TOF tandem MS, SNAP, biotools, ProteinScape software.	Bremen, Germany	www.daltonics.bruker.com
Hitachi Instruments	Many kinds of MS, LC & analytical equipment.	Yokohama, Japan	www.hii-hitachi.com
MDS Sciex	API series LC/MS systems.	Toronto, Canada	www.sciex.com
Micromass	ProteomeWorks System marketed by Bio-Rad.	Manchester, UK	www.micromass.co.uk
ThermoFinnigan	Quadrupole, TOF and ion-trap MS machines.	San Jose, California	www.thermofinnigan.com

REAGENT SUPPLIERS

Company	Products	Location	URL
Amicon	Immobilon transfer membranes division of Millipore.	Bedford, Massachusetts	www.millipore.com/lifescience/products.nsf/docs/amicon
BioWhittaker	Reagents, part of Cambrex Life Sciences. Has lab service centre in North Brunswick, New Jersey.	East Rutherford, New Jersey	www.cambrex.com
CBS Scientific	Reagents for gels.	Del Mar, California	www.cbssci.com
Crescent Chemical	Electrophoresis and LC chemicals.	New York	www.creschem.com
Fermentas	Reagents, protein standards.	Vilnius, Lithuania	www.fermentas.com
IBA	Protein expression and purification with STREP-tag technology.	Göttingen, Germany	www.iba-go.de
ICN Biomedicals	Reagents, radioisotopes.	Costa Mesa, California	www.icnbiomed.com
Invitrogen	Reagents, membranes, filters.	Paisley, UK	www.invitrogen.com
Jule Biotechnologies	Precast gels.	New Haven, Connecticut	hometown.aol.com/precastgel/index.htm
Molecular Probes	Stains.	Leiden, Netherlands	www.probes.com
Novagen	Protein purification and analysis products.	Madison, Wisconsin	www.novagen.com
Pierce	Chemicals, reagents, trypsin, antibodies, cytokines.	Rockford, Illinois	www.piercenet.com
Promega	Expression cloning system.	Madison, Wisconsin	www.promega.com
Qiagen	Protein expression and purification, also has Biorobot 8000 for purifying proteins.	Hilden, Germany	www.qiagen.com
R. Shadel	Gel boxes, combs, gaskets, spacers.	San Francisco	www.shadel.com
Schleicher & Schuell	Filters, membranes.	Dassel, Germany	www.s-und-s.de
Sigma-Aldrich	Reagents, purified trypsin.	St Louis, Missouri	www.sigma-aldrich.com
Stratagene	<i>In vitro</i> mutagenesis kit.	La Jolla, California	www.stratagene.com
Zaxis	Precast gels.	Hudson, Ohio	www.zaxis-inc.com

SOFTWARE

Company	Products	Location	URL
Accelrys	Gene Atlas, Atlas Base.	San Diego, California	www.accelrys.com
AxCel Biosciences	GLD ligand identification, ProChart pathway identification.	Newtown, Pennsylvania	www.axcellbio.com
BIND	Database of pathways and interactions.	Toronto, Canada	www.bind.ca
BioBridge Computing	PIUMS (Protein Identification Using Mass Spec), Pepex peak-picking software, launch date November 2001.	Lund, Sweden	www.biobridge.se
Cognia	Protein catabolism database (ubiquitin-dependent turnover for regulation of protein levels, structural homology elements for substrate recognition by E3 enzymes). Also markets Biobase, from University of Aarhus, Denmark.	New York	www.cognia.com
Compugen	Z3 @d-gel image analysis system, Protocall MS analysis tools.	Tel Aviv, Israel	www.cgen.com
Deltagen	DeltaBase, functional annotation DB, phenotype and knockout information.	Redwood City, California	www.deltagen.com
Hybrigenics	PIMRider, protein pathways and interactions software.	Paris, France	pim.hybrigenics.com
Incyte Genomics	Life Express protein database.	Palo Alto, California	www.incyte.com
Large Scale Biology	Human protein index, molecular anatomy pathways, molecular effects of disease databases.	Germantown, Maryland	www.lsb.com
Matrix Science	Mascot software searches sequence databases with MS signatures.	London, UK	www.matrixscience.com
Media Cybernetics	ArrayPro image-analysis software.	Silver Spring, Maryland	www.mediacy.com
Micromass	ProteomeWorks, MassLynx, MetaboLynx MS software.	Manchester, UK	www.micromass.co.uk
Nonlinear Dynamics	Phoretix, Progenesis gel image-analysis software.	Newcastle upon Tyne, UK	www.nonlinear.com
Protein Pathways/UCLA	DIP, database of interacting proteins.	Los Angeles, California	dip.doe-mbi.ucla.edu
Proteometrics	Profound search engine, Enterprise M/Z MS analysis software, Knexus, Radars informatics platforms, BIOML mark-up language.	New York	www.proteometrics.com
Scimagix	Image-analysis software.	Redwood Shores, California	www.scimagix.com
Tripos	Data mining/management tools.	St Louis, Missouri	www.tripos.com