

IRA LEONARD GOLDKNOPF

Advanced Bio/Chem Inc. dba ProteEx, 4800 Research Forest Drive, The Woodlands, TX 77380
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ACCOMPLISHMENTS

- At Baylor College of Medicine, Discovered the first ubiquitin-conjugated protein by discovering the first new protein from a 2D gel (pioneering proteomics), protein A24. Extensive research contributions with > 60 publications.
- Co-founded two companies in biotechnology, ProteEx and FlowGenix.
- With ProteEx, discovered the NAF proteomics early indication breast cancer test, the serum proteomics tests for Alzheimer's, Parkinson's and ALS, the proteomics test and drug targets for drug resistance, proceeding to clinical trials
- Received NASA Space Act Award for invention of commercial applications for NASA technology.
- With FlowGenix, started-up prototype manufacturing, β -tested first product.
- With Triplex, developed CMC/IND analytical methods validation, stability, pre-formulation, specifications, bulk drug substance, and sterile final dosage form process validation and manufacturing for anti-HIV drug, Zintevir, through pre-clinical into clinical trials.
- With GAF/ISP managed 24hr 7day high-throughput FDA regulated plant analytical laboratory with 30 lab techs, shift foremen and general foreman, including GC, purge and trap GC/MS, HPLC, PAGE, AA, ICP, ICP/MS, etc. Managed QC/QA/GMP for manufacturing capital expansion projects of more than \$50 million and introduction of >30 new chemical products. Managed program that registered plant for ISO 9002 and Certified Supplier Status with several customers.

POSITIONS HELD

- Founder and CSO, ProteEx, inc., The Woodlands, TX, 2000-present.
- Biotechnology Consultant, 1997-2000.
- Founding CEO of UbiquiTex Technologies Corporation and VP of R&D, FlowGenix Corporation (formerly UbiquiTex Technologies Corporation), a NASA Licensee Biotechnology Corporation, Webster, Texas, 1995-1997.
- Manager of Quality Control, Triplex Pharmaceutical Corp. (now Aronex Pharmaceuticals), The Woodlands, Texas, 1993-1995.
- Manager of Quality Assurance, ISP Chemicals Plant (formerly GAF), Calvert City, Kentucky, 1988-1993.
- Quality Assurance Supervisor, GAF Chemicals Plant (now ISP), Texas City, Texas, 1985-1988.
- Assistant Professor of Pharmacology, Baylor College of Medicine, Houston, Texas, 1975-1985.
- Guest Research Professor, Medical Nobel Institute, Karolinska Institutet, Stockholm, Sweden, 1982-1983.
- Postdoctoral Fellow, Baylor College of Medicine, Houston, Texas 1972-1974.
- Postdoctoral Fellow, MD Anderson Cancer Center, Houston, Texas 1971-1972.

EDUCATION

- Ph.D. Biochemistry, Kansas State University, 1971
- B. A. Chemistry (Minors in Physics and Math) Hunter College of C.U.N.Y., 1967

PROFESSIONAL AND COMMUNITY ACTIVITIES

- Member, CLAS, AACC, ASBMB, AAPS, ACS, ABRF