

CURRICULUM VITAE

Dieter Paul, PhD

Professor

82340 Feldafing

Ahornweg 16.

GERMANY

Tel: +49-8157-996060

Fax: +49-8157-996061

E-mail: paul-mex@t-online.de

PERSONAL INFORMATION

Date of Birth: January 23, 1939 in Mexico City, Mexico

Nationality: Mexican/German (dual citizenship); Permanent US resident

EDUCATION

Elementary/High School: Colegio Alemán Alexander von Humboldt, México City (México) 1946-1958

Darmstadt Institute of Technology (Darmstadt, Germany) 1958-1962

(Organic & Physical chemistry, Business Administration)

Darmstadt Conservatory of Music. (Darmstadt, Germany). 1958-1962. Violin, conducting.

University of Munich, Munich (Germany) 4/1962-12/1966. (Organic & Physical Chemistry),

Diploma in Chemistry, Diplom-Chemiker.

Max-Planck-Institute of Biochemistry, and University of Munich, Munich (Germany).

PhD thesis: Mechanism of the Development of Skin Cancer in the Mouse.

Ph.D. in Organic Chemistry and Biochemistry, (12/1966)

(Advisor: Nobel Laureate Prof. Dr. A. Butenandt)

PROFESSIONAL EXPERIENCE

Merck KGaA, Darmstadt (Germany). 1958 – 1962.

Summer Student: Organic Synthesis Laboratory,

Summer Student: **Steroid Synthesis Laboratory, SYNTEX S.A., México City (México)** 1959 – 1963

Postdoctoral Fellow, Assistant Professor 3/67- 3/1969

Centro de Investigación y de Estudios Avanzados (CINVESTAV), México City (México) Dept. of Biochemistry, (Guidance: Dr. A. Rosenblueth) (Physical Chemistry of Membranes & vesicles)

Postdoctoral Fellow, 4/1969 - 4/1972

The Salk Institute for Biological Studies, San Diego (La Jolla), California (USA)

Cell Biology Laboratory (Guidance: Nobel Laureate Dr. R.W. Holley), (Cell biology, cell cycle control)

Assistant Research Professor, 5/1972 – 8/1977.

The Salk Institute for Biological Studies, La Jolla, CA (USA)

Armand Hammer Cancer Center,

(Molecular & Cell Biology; Protein chemistry; Pharmacology)

Associate Professor of Pathology and Molecular Biology, 9/1977 –8/1980

Temple University School of Medicine, Fels Research Institute, Philadelphia (USA)

(Molecular genetics and Toxicology, Pre-Clinical Development, Molecular Pathology)

Professor of Pharmacology and Toxicology, 9/1980 - 5/1983

Hamburg University Medical School, Institute of Pharmacology & Toxicology, Hamburg (Germany)

(Molecular Pharmacology & Toxicology)

Director, Department of Cell Biology 6/1984 – 12/1999

Fraunhofer-Institute of Toxicology & Aerosol Research, Hannover, (Germany),

a Research Institute within a Contract Research Organization oriented towards cooperation with industry.

(Molecular & Cell Biology [Liver, Lung]; Mouse genetics; Transgenic mice, sheep and pigs; Pharmacology).

Visiting Professor, 2/1985 - 5/1985

Department of Genetics, Albert Einstein College of Medicine, Bronx, N.Y., USA (Mouse genetics, genomics)

Visiting Professor 1985, 1987 (August, September)

University of Pennsylvania, Philadelphia, PA, USA Dept. (Reproductive Biology, School of Veterinary Sciences)

(Disease models in mice)

Head, Center of Medical Biotechnology 5/1996 – 12/1999

Fraunhofer Institute of Toxicology and Aerosol Research, Hannover (Germany)

Staff: 20-25 scientists + technical personnel

Applied research in pharmacology/toxicology. Acquisition of research grants and R&D contracts from the pharmaceutical industry and from governmental sources.

R&D programs included multiple topics. Examples:

- DNA Array systems on membranes [DNA] and bioinformatics,
- Protein chips on silicon surfaces; high throughput screening systems,
- Combinatorial libraries,
- Preclinical development (ADME-Tox models in culture and in mouse models [transgenic mice]),
- Mouse models for human diseases,
- Transgenic sheep designed as “bioreactors” producing human blood clotting FVIII in the mammary gland and its isolation from milk;
- Transgenic pigs as donors for potentially immuno-compatible organs for patients (xenotransplantation).

Board Member, Executive Director, Preclinical Development (Mitglied des Vorstandes) 1/2000 – 12/2002

INGENIUM PHARMACEUTICALS A.G., Martinsried (Germany).

(Disease genes, mouse genetics, toxicology)

Consulting Services for the BioTech sector 12/2003 - present

Feldafing (Germany).

Consulting activities include services for:

- VC companies: Evaluation of Business Plans; R&D programs; restructuring of BioTech companies;.
- BioTech companies: Mediation of strategic alliances and business consolidation programs;
- International BioTech ventures: Business ties & Integration of R&D programs.
- Pharmaceutical companies: R&D programs in molecular pharmacology, Disease models in mice, ADME-Tox models in mice; Drug target-NCE docking & Molecular modelling; Drug screening systems in HTS mode,
- Personnel Recruiting companies: International executives, mid-level management; scientists.

LANGUAGES:

Mother tongues: German, Spanish.

English: Fluent.

PUBLICATIONS

Dieter Paul is author of

2 patents and

more than 120 peer-reviewed publications in international scientific journals, and in addition, of book chapters and of numerous Abstracts of presentations at international scientific conferences. A detailed list of Dr. Paul's publications is available upon request.

Recipient of numerous R&D contracts from the pharmaceutical industry, of R&D grants and R&D contracts from US (NIH) and German Governments (DFG, BMBF, DKH), and from the EU.

Feldafing, September 2010.