

**Intellepharm, Inc.**  
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**Manfred E. Wolff, Ph.D.**

- Senior consultant in medicinal chemistry, bioscience patent validity and licensing agreements with broad background in both academic and industrial environments. As President and CEO, Intellepharm, Inc. (1997- ), currently engaged in pharmaceutical licensing for Transpect, Inc. (Yokohama) and its Japanese pharmaceutical company clients; and in patenting for Transpect, Freedom Innovations, Inc. (California) and MediProPharma (Utah). West Coast Licensing executive for Hoechst Marion Roussel (1996-1999).
- Testified as an expert witness in § 271 (e)(2)(A) ANDA infringement lawsuits where invalidity (obviousness) under § 103 was an issue in bench trials in Federal Court in San Diego (2002) and in Federal Court in Newark, NJ (2006).
- Testified as an expert witness (2005) in an arbitration wherein alleged breach of a contract involving steroid synthesis and biological evaluation was at issue.
- Served as an expert consultant in a dispute alleging injury resulting from aggressive behavior resulting from alleged masculinizing effects of illicit steroid use in athletics.
- Served as expert witness regarding causation arising from inappropriate dosage schedules and drug toxicity in cases involving Imitrex, Diflucan, Silvadene, Tobradex, Methadone, Morphine, alcohol and others, many of which were settled out of court. Services involved include review of medical records, literature work regarding evidence of toxicity, and depositions.
- Experience in licensing includes extensive travel in the US, Japan and Europe to major pharma in Tokyo, Osaka, Tsukuba, Basel, Zurich, Berlin, Frankfurt, Konstanz, Nice, Milan, Rome during the period 1982-1999 on behalf of Allergan, ImmunoPharmaceutics, and Hoechst Marion Roussel. Activities involved in-licensing, out-licensing, and research alliances. Responsible for successful in-licensing of UK-14,304 from Pfizer UK to Allergan (SKB), outlicensing of endothelin antagonist from ImmunoPharmaceutics to Texas Biotechnology Corporation, and formation of research alliance between Eisai Ltd. and ImmunoPharmaceutics.
- Registered Pharmacist

- Registered Patent Agent No. 43,282 (1998)
- As Senior Vice President, ImmunoPharmaceutics (1989-1995) responsible for R&D strategic planning, management, funding development, and strategic alliances for an early stage NCE drug discovery company; leading to discovery of Thelin® (sitaxsentan), a picomolar, subtype selective endothelin A receptor antagonist approved in EU for pulmonary arterial hypertension.
- As Vice-President for Research, Allergan (1982-1988) developed strategy, built and managed R&D group that discovered Tazorac® (tazarotene) for acne/psoriasis and Alphagan® (brimonidine) for glaucoma, and Lumigan® (bimatoprost) for glaucoma. Managed the preparation of the full Corporate Research Strategic Plan for 1989-1994 for Allergan Inc.
- As Chairman, Department of Pharmaceutical Chemistry, UCSF (1970-82), built major academic center and graduate department of drug design.
- Professor Pharmaceutical Chemistry, UCSF (1965-1982) and international authority in medicinal chemistry with 100+ publications and patents (available as a separate list) supported by 20 years of NIH grant support.
- Adjunct Professor of Medicinal Chemistry, University of Southern California, Los Angeles, (1988- ).
- Faculty, Drew University (NJ) Residential Course in Medicinal Chemistry, (1998- ).
- Editor, "Burger's Medicinal Chemistry and Drug Discovery", (Vol. 1-5), Wiley (1995-7).
- Honors
  - Elected Fellow, American Association of Pharmaceutical Scientists (1986).
  - Elected Fellow, American Association for the Advancement of Science (1980)
  - Elected Member, United States Pharmacopoeia Committee of Revision (1990-2010).
  - Sabbatical Fellowship, Departments of Biochemistry and Chemistry, Imperial College, London (1967-8) (with Nobel Laureates E.B. Chain and D.H.R. Barton).
- Education
  - University of Virginia, Charlottesville  
Postdoctoral Fellow, Department of Chemistry (Prof. Alfred Burger)
  - University of California, Berkeley  
Ph.D., Medicinal Chemistry (Prof. J.F. Oneto)
  - University of California, San Francisco  
B.S., Pharmacy
  - Participated in Smith Kline Beckman Executive training courses in corporate management and strategic planning 1982-1988.
- Membership in Societies
  - American Association of Pharmaceutical Scientists
  - American Chemical Society