

Resume

Srikumaran Melethil, Ph.D., J.D.

President/CEO, Law and Science Consulting

Professor Emeritus, Schools of Pharmacy & Medicine, Univ. of Missouri - Kansas City, Missouri

Registered Patent Attorney

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Education

JD University of Missouri-Kansas City School of Law
Admissions: Missouri Bar (# 48508) and USPTO (Reg. No. 57622)

PhD Department of Pharmaceutics, State Univ. of NY, Buffalo, NY

BS & MS Department of Pharmacy, Andhra University, Waltair, India
B. Pharmacy (First Class, First Rank, Gold Medalist)
M. Pharmacy, Manufacturing Pharmacy (First Class)

HS All Saints' High School, Hyderabad, India (First Class)

Employment Experiences (since 1979)

2015-date Adj. Professor, Chemical & Materials Engineering Dept., Univ. of Dayton 45469

2011-date Of Counsel, Fraser Martin Clemens & Miller, LLC, Perrysburg, OH 43551

2003-date President/CEO, Law and Science Consulting

2002-date Professor Emeritus, University of Missouri-Kansas City

2006-2010 Founding Chair, Department of Pharmaceutical Sciences, Univ. Findlay, OH 45840

1979-2002 Professor, Pharmaceutics and Medicine, 1988-2002; Assoc. Prof. 1979-1988
(tenured 1983); Schools of Pharmacy & Medicine, Univ. Missouri-KC 64110

Honors

Elected Fellow, American Association of Pharmaceutical Scientists, 2010

Distinguished Scientist, American Association of Indian Pharmaceutical Scientists, 2007

Rho Chi (National Pharmacy Honor Society, UM-KC Chapter) Teacher of the Year, 1990

Elected Fellow, American College of Clinical Pharmacology, 1988

Nageswara Rao Pantulu Gold Medal, First Rank, B. Pharmacy, 1967

Major Professional Experiences

Pharmaceutical Sciences

- **Expertise:** Design, conduct and analysis of in-vivo (whole body) and in-vitro (cell culture) pharmacokinetic and drug transport studies; bioequivalence testing; analytical methodology development
- **Research Publications/Areas:** Publications: About 50 publications and 140 abstracts. Areas: pharmacokinetics, pharmacodynamics, drug analysis, drug interactions, bioequivalence, clinical pharmacology, gastrointestinal and blood-brain barrier transport of drugs and metals, nanopharmaceuticals). Details on request.
- **Teaching:** Courses in pharmacokinetics to graduate (MS, PhD) and professional (BS, PharmD) pharmacy students
- **Advising:** Major research advisor to graduate (PhD. and MS) and post-doctoral (PhD, MD and PharmD) students
- **Scientific Reviewer:** Grants: National Institutes of Health; University of Missouri Research Board; Science Education Partnership, Marion Merrell Dow; Journals: (partial list): Pharmaceutical Research, J. Pharmaceutical Sciences, J. Pharmacology Experimental Therapeutics

- **Consultant:** FDA/Center for Veterinary Medicine; pharmaceutical industry; Midwest Research Institute, Kansas City, MO; startup biotech company (development of new diabetes test)
- **Editorial Board:** Clinical Research and Regulatory Affairs

Patent and Drug Law

- **Practice Areas:** Patent prosecution and infringement opinions; medical devices
- **Publications (7): Areas:** Intellectual property landscape for biosimilars development, Hatch-Waxman litigation, nanopharmaceuticals - patenting issues and regulatory challenges, intellectual property issues in pharmaceutical sciences, FDA regulations on current Good Manufacturing Practices for dietary supplements, patent issues in new drug applications and WADA (world anti-doping agency) criteria for prohibited substance inclusion (details on request)
- **Presentations:** Pharmaceutical Patent Law Seminar, Department of Pharmaceutical Sciences, State University of New York at Buffalo, Buffalo, NY, October 24, 2014 (similar presentations at Universities of Utah, Colorado, Nebraska, Missouri - Kansas City and Toronto); Pharmaceutical Patent Law Fundamentals, Center for Professional Advancement, East Brunswick, NJ (online course presenter with Raj Bawa), December 2013; Good Laboratory Practices, Institute for Strategic Biotechnology, Health and Training, Bangalore, India 2005; Patent Law Basics for Pharmaceutical Scientists - **1.** Amer. Assn. Pharmaceutical Scientists, 2006; **2.** Assn. Laboratory Automation, 2007
- **Editorial Board:** Pharmaceutical Patent Analyst
- **Technology Transfer:** University of Colorado (2012)
- **Expert Witness:**
 - Lethal Injection: 2012 (expert witness); affidavit (445 F. 3d 1095, 2006)
 - Drug and Chemical Toxicity

Memberships/Office Holder

- American Association of Pharmaceutical Scientists
- American Association for the Advancement of Science
- Columbus Intellectual Property Law Association (President: 2015-16; Secretary: 2014-15 Treasurer: 2013-14)

Community Activities

- K-12 Education
 - Founder, Springfield Area Education meetup, 2016; Junior Achievement - Economics for Success 5th Grade, Teacher: Kendra Rarick, Northwestern Jr/Sr High School, 2015; Candidate, Northwestern School Board Member, 2015; Advisor, Springfield Promise Neighborhood Summer Enrichment Program, 2015; Member, Springfield High School Community Guidance Group, 2013-2014 (leader: Superintendent David Estrop); Volunteer, OGT Boot camp 2013; Math and science tutor (middle and high school), 2013-to date
- Adult Education
 - British India: Corporate Power and Colonization (September – November, 2016), United Senior Services, Springfield, OH