

Steven J Swanson, PhD, FAAPS

SUMMARY OF QUALIFICATIONS

- Excellent leadership skills
- Strong communication skills
- Experience with all phases of drug development: research, preclinical, translational sciences, clinical, and post-marketing
- Experienced at working with regulatory agencies
- Strong record of publications and presentations at scientific meetings
- Elected as a Fellow of American Association of Pharmaceutical Sciences

WORK EXPERIENCE

Independent Consultant

2018 - Current

- Provide strategic scientific advice for companies
 - Immunogenicity issues including analytical procedure evaluation, interpretation of results, long term strategy
 - Immunotherapy strategy
 - Regulatory affairs, preparation for meetings with regulatory agencies

Senior Vice President, Research

ImmunoCellular Therapeutics • Calabasas, CA • 2015-2018

- Responsible for the research program including novel stem-to-T cell project
- Provide scientific presentations on all ImmunoCellular programs to Board of Directors, potential investors, and at scientific meetings
- Provide senior leadership and scientific expertise for the operation of the company

Senior Director and Department Head, Clinical Immunology

Amgen • Thousand Oaks, CA • 1999-2015

- Built and ran Amgen's Clinical Immunology Department (peak head count 150)
- Provide scientific expertise and oversight for immunogenicity assessment for all of Amgen's therapeutic proteins
- Interface with worldwide regulatory agencies on every immunogenicity concern
- Work with AAPS to establish Amgen as a scientific leader in immunogenicity assessment

Senior Principal Scientist

Schering Plough Research Institute • Kenilworth, NJ • 1991-1999

- Led immunoassay lab for drug levels and immunogenicity assays in the Biotechnology Department
- Evaluate and implement new technologies

EDUCATION

1988 - 1991 Postdoctoral Research Associate, The Ohio State University, Columbus, OH

1981 - 1987 PhD Microbiology: University of Iowa, Iowa City, IA

1973 - 1977 Bachelor of Arts, Biology/Chemistry: North Central College, Naperville, IL

AWARDS, SCHOLARSHIPS, AND SOCIETIES

2017 - 2018 Past-Chair, AAPS National Fellows Selection Committee

2016 Chairman, AAPS National Fellows Selection Committee

2015 Chair-elect, AAPS National Fellows Selection Committee
 2015 Co-Author of \$19.9M grant awarded by CIRM to ImmunoCellular Therapeutics
 2012 - 2014 Biotec Representative on AAPS Fellows Selection Committee
 2010 Fellow, American Association of Pharmaceutical Sciences
 1997 Impact Award, (ECL assay) Schering-Plough Research Institute
 1997 Impact Award, (BIAcore assay) Schering-Plough Research Institute
 1990 Columbus State College Outstanding Teacher Award, winter quarter
 1989 American Cancer Society Starter Research Grant for \$10,000 from 3/89-5/90 "The structure/function of the CRP PC-binding region"
 1985 - 1986 Chairman, University of Iowa Microbiology Graduate Student Organization
 1984 Department of Microbiology representative to University of Iowa Graduate Student Senate
 1977 Outstanding Biology Major; American Institute of Chemists Outstanding Senior Undergraduate; B.A. conferred from North Central College, Summa Cum Laude

American Society for Microbiology, American Association of Immunologists, Author on 3 USP Chapters, Organizer and Faculty Member for AAPS Immunogenicity Training Courses, NIH Reviewer for SBIR and Shared Instrument Study Sections 1996-2002, American Association of Pharmaceutical Scientists Chairman of Ligand Binding Assay Focus Group, Scientific Advisory Board Member for The Barnett Institute in Boston, MA.

COMMUNITY SERVICE

2012 - Current Boy Scout Assistant Scoutmaster, Troop 611
 2010 - 2014 Scorekeeper Moorpark HS Baseball Team
 2006 - 2012 Boy Scout Scoutmaster, Troop 611, Moorpark, CA
 1999 - 2010 Moorpark Youth Little League Baseball Coach
 2001 - 2006 Boy Scout Assistant Scoutmaster, Troop 611
 1999 - 2006 Cub Scout Pack 3604 Committee Chairman, Cubmaster
 1994 - 1999 Tinton Falls NJ Little League Baseball Coach
 1996 - 1999 St. Leo Cub Scout Pack 310 Assistant Cubmaster
 1996 - 1999 St. Leo the Great School Girls Basketball Coach
 1997 - 1999 Elected Secretary Tinton Falls Little League Board of Directors

SCIENTIFIC CONTRIBUTIONS

- 89 podium presentations at scientific meetings
- 18 lead/first author publications
- 45 other publications