

# SUSAN ALPERT SIEGEL, PH.D.

PATENT AGENT

503.473.0911 | susan.alpert.siegel@klarquist.com



## OVERVIEW

Susan is a patent agent in the firm's Biotechnology and Life Sciences group, where she prepares and prosecutes U.S., foreign, and international patent applications. Over her career, she has written and successfully prosecuted hundreds of patent applications related to monoclonal antibodies, stem cells, genetic recombination methods, diagnostic assays, vaccines, anti-viral agents, immunotherapeutic treatment methods, viral vectors, pharmaceuticals, medical devices, cancer treatment, nutraceuticals and tissue culture methods. Her range of experience includes the management of Oppositions filed by international third parties, including patents on high value pharmaceuticals and treatment methods.

Susan earned her Ph.D. in molecular genetics, and completed post-doctoral fellowships in cancer biology at the University of California, San Francisco, and immunology at Stanford University. She then conducted academic research in the field of transplant rejection. Following her academic career, but prior to joining Klarquist, she was employed as a patent agent at a large intellectual property firm.

Susan's depth of knowledge and broad technical aptitude enable her to deliver exceptional service to her clients. She is active in the bioscience community, and has participated as a panelist and presenter at a number of national conferences over the course of her career. She has been a guest lecturer at the National Institutes of Health and the Centers for Disease Control and Prevention, and a variety of research institutions and universities. Susan joined the firm as a patent agent in 1999.

## PROFESSIONAL EXPERIENCE

- ▶ Fish & Richardson | Technology Specialist | Menlo Park, CA
- ▶ Stanford University Medical Center | Senior Research Scientist, Cardiovascular Medicine | Stanford, CA
- ▶ Howard Hughes Medical Institute, Stanford University Medical Center | Post-doctoral Fellow (Irvington Institute Fellowship) | Stanford, CA
- ▶ University of California | Post-doctoral Fellow (National Institutes of Health Fellowship) | San Francisco, CA

## EDUCATION

Ph.D., Genetics, State University of New York, Stonybrook, 1988  
Ph.D. candidate, Toxicology, Toxicology Program, Department of Applied Biological Sciences, Massachusetts Institute of Technology  
B.S. with Highest Honors in Environmental Toxicology, Departmental Citation, University of California, Davis, 1982

## ADMISSIONS

U.S. Patent and Trademark Office, 1998 (Reg. No. 43,121)

## PRACTICE AREAS

Patents

## TECHNOLOGIES

Life Sciences & Biotechnology  
Agriculture & Food Science  
Green Technology & Renewable Energy

**Klarquist**

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## PRESENTATIONS & PUBLICATIONS

- ▶ “Into the Darkness: Patent Eligibility of Natural Products,” National Institutes of Health, 2014
- ▶ “Changes in Patent Law Affecting the Biosciences Industry,” Oregon Bioscience Association, 2014
- ▶ “Opportunities and Obstacles in the Commercialization of Induced Pluripotent Stem Cells,” AUTM 2014 Annual Meeting
- ▶ Panelist, “Commercialization of induced pluripotent stem cells,” AUTM 2013 Annual Meeting
- ▶ “Genes, Biologics, Biomarkers...Are they patentable?” Emory University, 2012
- ▶ Patenting Antibodies in the Shadow of Uncertainty, 4th Protein Discovery & Therapeutics Conference, 2011
- ▶ America Invents Act and Its Effect on Patent Prosecution, University of Pittsburgh, 2011