Sean M. Conrad

Patent Agent

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OVERVIEW

Sean Conrad is a patent agent in the firm's Pittsburgh office. He is a member of the IP Procurement and Portfolio Management practice group.

He focuses his practice in the areas of patent preparation, patent prosecution, and client counseling with an emphasis in biotechnology. Sean has prepared and prosecuted patent applications for a range of biotechnologies including: gene therapy, gene editing, CRISPR gene editing, recombinant adeno-associated viruses (AAVs), large molecule therapeutics, immunotherapy, stem cell therapy, biological products, and bioassays. Since 2016, Sean has drafted numerous patent applications and conducted freedom-to-operate studies that focus on CRISPR gene editing, one of the hottest areas in biotechnology.

PROFESSIONAL BACKGROUND

Sean trained and taught in the field of Immunology and Microbiology. His research has appeared in such journals as *Journal of Experimental Medicine*, *Infection and Immunity*, and the *Journal of Leukocyte Biology*.

In 2001, Sean received a Bachelor of Science degree from Duquesne University, where he was awarded a full-tuition Chancellor's Merit Scholarship. In 2006, he received a Ph.D. in Immunology from the University of Maryland.

PROFESSIONAL / CIVIC ACTIVITIES

- American Society for Microbiology
- Society for Leukocyte Biology

EDUCATION

- Ph.D., University of Maryland, 2006 *(Immunology)*
- B.S., Duquesne University, 2001 *(Microbiology)*

ADMISSIONS

- United States Patent and Trademark Office

OTHER PUBLICATIONS

RESEARCH PUBLICATIONS

- Miles, S.A., Conrad, S.M., Alves, R.G., Jeronimo, S.M.B., and Mosser, D.M. 2005. A role for immune complexes during infection with the intracellular pathogen, Leishmania spp. J. *Experimental Medicine* 201: pgs. 747-754.
- Conrad, S.M., Strauss-Ayali, D.,Field, A., Mack, M., and Mosser, D.M. 2006. Leishmania-derived murine MCP-1 enhances the recruitment of a restrictive population of CCR2-positive macrophages. *Infection & Immunity*. (75) Issue 2: pgs. 653-665.
- Field, A., Wagage, S., Conrad, S.M., and Mosser, D.M. 2007. Reduced Pathology following Infection with Transgenic *Leishmania major* Expressing Murine CD40 Ligand. Infection & Immunity. (75) Issue 6. pgs. 3140-3149.
- Strauss-Ayali, D., Conrad, S.M., and Mosser, D.M. 2007. Monocyte Subpopulations and their Differentiation Patterns during Inflammation. *Journal of Leukocyte Biology*. Volume 82(2). pgs. 244-252.

AREAS OF FOCUS

- IP Procurement and Portfolio Management