



CRISTINA J. WITTKOPP, PH.D.

PATENT AGENT

BACKGROUND

Cristina specializes in U.S. and foreign patent prosecution of biotechnology, medical device, and pharmaceutical technologies. She received a B.S. (with honors) in Biochemical & Biophysical Sciences from University of Houston in 2008, and a Ph.D. in Microbiology from University of Washington in 2016.

EXPERIENCE

Cristina's experience includes preparation and prosecution of patent applications in the biotechnology, pharmaceuticals, and medical device sectors. She manages patent portfolios for clients pursuing patent protection in the U.S. and internationally, landscape analyses, and freedom to operate searches.

Previously, Cristina served as a Student Fellow on the Business Development & Strategy Team at the Fred Hutchinson Cancer Research Center, where she conducted patent landscape analyses, market research analyses, and non-confidential summaries for marketing. Just prior to joining Seed IP, Cristina served as patent agent and technical advisor at another area IP firm.

Cristina has authored or co-authored several peer-reviewed articles, which were published in various scientific journals.

AFFILIATIONS

Cristina is registered to practice before the U.S. Patent and Trademark Office. She is a member of the Washington State Patent Law Association (WSPLA) and Life Science Washington.

EDUCATION

University of Washington
Microbiology
Ph.D. 2016

University of Houston
Biochemical & Biophysical
Sciences
B.S. (with honors) 2008

INDUSTRY GROUPS

Biotechnology
Medical Devices
Pharmaceuticals

SERVICES

Patent

BAR ADMISSIONS

United States Patent
and Trademark Office

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Seed^{IP}

PUBLICATIONS

Wittkopp CJ, Adolph MB, Wu LI, Chelico L, Emerman M. A Single Nucleotide Polymorphism in Human APOBEC3C Enhances Restriction of Lentiviruses. *PLoS Pathog.* 2016 Oct 12;12(10):e1005865.

Adolph MB, Ara A, Feng Y, Wittkopp CJ, Emerman M, Fraser JS, Chelico L. Cytidine deaminase efficiency of the lentiviral viral restriction factor APOBEC3C correlates with dimerization. *Nucleic Acids Res.* 2017 Apr 7; 45(6):3378-3394.

McLaughlin RN Jr, Gable JT, Wittkopp CJ, Emerman M, Malik HS. Conservation and Innovation of APOBEC3A Restriction Functions during Primate Evolution. *Mol Biol Evol.* 2016 Aug;33(8):1889-901.

Morris VA, Punjabi AS, Wells RC, Wittkopp CJ, Vart R, Lagunoff M. The KSHV viral IL-6 homolog is sufficient to induce blood to lymphatic endothelial cell differentiation. *Virology.* 2012 Jul 5;428(2):112-20.