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PATENT AGENT

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Stacey is a Patent Agent that prepares and prosecutes patent applications for clients in the biotechnology and pharmaceutical industries. She works with clients in a wide range of technology areas in the life sciences, including pharmaceutical formulations, small molecules, antibodies, protein therapeutics, viral therapeutics, and molecular and cellular biology therapeutic methods.

Stacey entered the field of IP through an internship and consulting position at CURE Pharmaceutical. There, she assisted with prior art searches, patentability, and patent applications related to formulations and manufacturing methods.

Prior to pursuing her career in intellectual property, Stacey was a Postdoctoral Scientist at Cedars-Sinai Medical Center, researching various treatments for breast cancer and mechanisms driving triple-negative breast cancer progression. Her Ph.D. research investigated the molecular mechanism of hepatic alpha-tocopherol (vitamin E) transport revealed that alpha-tocopherol and membrane lipids dynamically affect the localization of the alpha-tocopherol transfer protein (TTP) localization, and mutations in TTP affect protein-lipid interaction.

Related Practice Areas

- Patent Preparation and Prosecution

Related Industries

- Pharmaceuticals and Chemicals
- Biotechnology

Languages

- Chinese (Cantonese)

Publications

- Cao S.*, Chung S.*, Kim S., Li Z., Manor D., Buck M., K-Ras G-domain binding with signaling lipid phosphatidylinositol (4,5)-phosphate (PIP2): membrane association, protein orientation, and function. *J Biol Chem*. 294(17):7068-7084, 2019.
- Chung S.*, Jin Y.*, Han B., Qu Y., Gao B., Giuliano A., Cui X., Identification of EGF-NF-?B-FOXC1 signaling axis in basal-like breast cancer. *Cell Comm & Signaling*.15(1):22, 2017.
- Chung S., Ghelfi M., Atkinson J., Parker R., Qian R., Carlin C., Manor D., Vitamin E, and phosphoinositides regulate the intracellular localization of the hepatic ?-tocopherol transfer protein. *J Biol Chem*. 291(33):17028-39, 2016.

Memberships

Intellectual Property Owners Association (IPO)

Honors & Awards

Doctoral Excellence Award, Case Western Reserve University School of Medicine

Education

- Ph.D., Nutrition (focus on Molecular Biology), 2016, Case Western Reserve University School of Medicine
- B.S., General Biotechnology, 2010, Rutgers University