

Lisa E. Rusali, Ph.D.

Technology Specialist

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EDUCATION

Ph.D., Pharmaceutical Sciences,
University of Illinois Chicago
B.S., Molecular Cell Biology and
Physiology (minor in Chemistry),
California State University, Long Beach

PRACTICE AREAS

Corporate & Investment Diligence
Licensing & Transactions
Patent Opinions
Patent Prosecution
Strategic Counseling
Trade Secrets
Trademarks

TECHNOLOGIES

Chemistry & Materials Science
Industrial Devices
Life Sciences
Medical Devices & Diagnostics

OVERVIEW

Lisa is a medicinal chemist and chemical biologist who applies her technical experience to assist clients in the drafting and prosecution of patent applications.

Lisa's doctoral research at the University of Illinois Chicago focused on natural products active at the nicotinic acetylcholine receptors to probe their utility in treating substance use disorders. She synthesized analogues of alkaloids found in the *Aristotelia* family and established two orthogonal cell-based assays to determine receptor activity and identify lead compounds. She has also conducted research in supramolecular synthesis and catalysis.

Lisa is a co-inventor on a patent from her doctoral research and has authored articles in peer-reviewed scientific journals, including the *Journal of Medicinal Chemistry*, *ACS Med Chem Letters*, and *Organic Letters*.

EXPERIENCE

Honors:

- Ruth L. Kirschstein Predoctoral Individual National Research Service Award (F31), National Institutes of Health (NIH)
- Institutional National Research Service Award (T32), National Institutes of Health (NIH)
- Next Gen Leaders in Chemistry Award, Merck

Affiliations:

- Member, American Chemical Society
- Member, American Society of Pharmacognosy