Rebecca Minich

RebeccaMinich.com

+1 269-762-0386
minichre@gmail.com
2212 NW 63rd St
Seattle, WA 98107

Objective

To use scripting, machine learning and modeling to solve interesting problems in biotech.

Tech Skills

Languages Data Science tools
Python(NumPy), Pandas, XML, JSON, SQL, SciKit learn and matplotlib.

Operating Systems
Windows, Mac OS and Linux (Kubuntu).

Applications
MS suite, UCSC Genome Browser, Ensembl, MGI Database, SHIELD, NCBI suite, CLC suite, CodonCode aligner, Serial Cloner, Gimp, Prism, etc.

Publications

Minich, R.R., Watson C.J., Tempel B.L (Manuscript) Long Non-coding RNAs Contribute to Age Related Hearing Loss in the C57Bl/6J Inbred Mouse Strain.

Minich, R.R., Li, J., Tempel, B.L (submitted) EGR1 Binds to and Activates the α-Atp2b2 Promoter, the Main Transcript of the Outer Hair Cells.

Watson C.J., Lies S.M., **Minich, R.R.,** Tempel B.L (2014) Changes in cochlear PMCA2 expression correlate with maturation of auditory sensitivity. JARO 15:543-553. PMID: 24799196.

Experience

2016
2015
Coulter Translational Research Partnership
Market Analyst and Team Manager
Team coaching, market analytics, due diligence, and budget tracking.

2015
2014
CoMotion (Tech Transfer at UW)
Technology Licensing Fellow
Intellectual property and market analytics for technologies developed at UW.

2010
2008
The National Sanitation Foundation International
Microbiology Internship
Developed assays for product certification.

2008
2007
University of Michigan Health System
Urology Dept. Gift Processing Coordinator Assistant
Fund raising support.

Education

2016
2016
Data Science Certificate
Public Health Focus
Seattle, WA
General Assembly

2016
2015
Postdoctoral Fellow
Pharmacology
Seattle, WA
University of Washington

2015
2010
Doctorate of Philosophy
Pharmacology
Seattle, WA
School of Medicine
University of Washington

2015
2013
Business Certificate
Technology & Entrepreneurship
Seattle, WA
Foster School of Business
University of Washington

2010
2006
Bachelor of Science
Biochemistry/Environmental Science
Ann Arbor, MI
College of Literature, Science and the Arts