

# Christopher S. Spaeth

Senior Consultant / Houston

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## Background

Dr. Christopher Spaeth holds a B.S in Comprehensive Science with a minor in Russian language and a Ph.D. in Cell and Molecular Biology with a focus on Neuroscience, Pharmacology, and Toxicology. During his post-doctoral fellowship, Dr. Spaeth performed ground-breaking research while teaching as an adjunct professor of Neuroscience and as a market analyst of early-stage pharmaceutical companies. He has over 15 years of experience in toxicology, neuroscience, genetics, and molecular biology and multiple publications in peer-reviewed journals.

He has extensive laboratory research experience and broad-based training in genetics, molecular and cellular biology, neuroscience, oil-based interactions with biological systems, such as those mediating dermal penetration of substances, and conserved pathways of cell traffic and cell barrier function. He has taught at the university level and has been awarded multiple grants from the US National Institute of Health and the National Institute of Drug Abuse.

As a cosmetic toxicologist at a leading cosmetic company, he has extensive experience with hazard assessments, dose and exposure assessments, risk assessments and management, and communicating these results to stakeholders across all business units as it relates to cosmetic skincare products. He has written hundreds of safety assessments of cosmetic ingredients for products currently on the market.

Dr. Spaeth specializes in the areas of toxicology, neuroscience, pharmacology, and physiology to support pre-trial cases to expert testimony. His responsibilities include verifying toxicological, medical, and biologically relevant facts of each case, determining the validity of claims based on scientific literature, assessing alternative causation, and communicating conclusions to upstream stakeholders.

## Education and Certifications

- Cell and Molecular Biology, Ph.D.: University of Texas at Austin
- Thesis title: cAMP and oxidative mechanisms of plasmalemmal sealing and the effects on rapid and long-lasting repair of severed axons in vivo by polyethylene glycol
- Comprehensive Science, B.Sc.: Villanova University