

JIAYUAN LIU

EDUCATION

M.S. – Pharmacognosy (Natural Products Chemistry), University of Rhode Island
B.S. – Chinese Pharmacology, Beijing University of Chinese Medicine

EMPLOYMENT HISTORY

2021 to present – Sevee & Maher Engineers, Inc., Cumberland, Maine, Senior Scientist
2011 to 2021 – Intertek USA, Champaign, Illinois
 2019 to 2021 – Site Manager
 2016 to 2019 – Assistant Manager
 2013 to 2016 – Client Support Manager
 2011 to 2013 – Site Manager Assistant
2005 to 2010 – American Analytical Chemistry Laboratories, Champaign, Illinois, Research Scientist

CERTIFICATIONS AND AFFILIATIONS

Participating Member, ASTM Subcommittee D20.96 on Environmentally Degradable Plastics and Biobased Products

PROFESSIONAL EXPERIENCE

Ms. Liu is an innovative and analytical leader with 16 years of professional experience supporting international clients with research, testing, scientific justification, and problem-solving to meet product regulatory compliance. She is an experienced, organized, and methodical project manager with extensive knowledge of U.S. Food and Drug Administration (FDA) and global regulatory requirements relevant to the food and pharmaceutical industries.

Ms. Liu's work at SME focuses on understanding each client's specific challenges and developing high-quality, practical solutions that combine advanced science with common sense. Her professional background encompasses in-depth expertise and experience in analytical laboratory testing and methodology for product safety, regulatory compliance, and Good Manufacturing Practices, as relate throughout food and beverage, dietary supplement, and cosmetics supply chains. Ms. Liu has specialized knowledge in the area of product stewardship, including food contact and packaging material safety, research and development, product stability/shelf-life, out-of-specification investigation, risk assessment, and compostability analysis.

She previously led and managed site operations for a major international analytical testing provider's facility in the U.S.

Ms. Liu is fluent in English and Mandarin Chinese.

PUBLICATIONS

Teasdale M, Liu J, Wallace J, Rowley DC. Secondary metabolites produced by a marine Halobacillus Salinus that inhibit quorum sensing controlled phenotypes in gram-negative bacteria. Appl Environ Microbiol. 2009, 75(3): 567-572.

Long RA, Rowley DC, Zamora E, Liu J, Douglas H. Bartlett DH, Azam F. Antagonistic interactions among marine bacteria impede the spread of Vibrio cholerae. Appl Environ Microbiol. 2005, 71: 8531-8536.