

Caroline Ingles

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Personal Profile

Industry scientist with extensive experience in literature research, scientific writing, and laboratory research/testing seeks to return to the laboratory as a doctoral student in molecular and cellular biology.

Education and Training

Bachelor of Science in Biology (Physiology) (2007)

California State University Long Beach

Post-baccalaureate student in Biology (2025)

Portland State University

34 credit-hours in Biology, 26 at graduate level
GPA 3.9

(10 credit-hours in progress)

Certified Forklift Operator (2025)

Classes I, IV, V and VII

Columbia Industrial Training & Education

Android App Developer Certificate (2020)

Long Beach City College

Work Experience

Herbalife International

Research Scientist

Scientist

Scientist (contract)

2012-
Dec 2024

- Wrote in-depth literature reviews to support the safety and efficacy of dietary supplement products
- Contributed to efficacy and safety substantiation for every food and supplement the company made
- Wrote white papers, responses to government health authority and customer scientific questions, and internal scientific opinions
- Developed and secured funding for a novel clinical study to assess health benefits of a cardiovascular supplement
- Served as lead author and project manager for a series of experiments performed by a contract lab on new preparations of *Aloe vera*

Teva Parenteral Medicines

Quality Investigator

2010-2011

- Performed investigations of deviations and made release recommendations for injectable drug lots
- Investigated quality issues across multiple lots and recommended corrective and preventive actions

Work Experience, continued

Neurogena QA Technical Writer II (contract) Compounding Technical Writer (contract)	2007-2009	<ul style="list-style-type: none">• Authored or revised 700+ product specifications, work instructions, and SOPs• Created pictorial job aids for manufacturing procedures and a standard format for manufacturing work instructions
Firmenich Technical Writer (contract) QC Chemist (contract)	2004-2006	<ul style="list-style-type: none">• Performed QC testing of production samples using a variety of chemistry techniques, including HPLC, NMR, spectrophotometry and column chromatography• Created SOPs, manufacturing work instructions, forms and other documentation for manufacturing processes
Beckman-Coulter QC Chemist (contract)		
University of Southern California Research Associate	1999-2004	<ul style="list-style-type: none">• Performed experiments using molecular and cellular techniques, especially nucleic acid isolation, PCR, electrophoresis and bacterial transformation• Supported experimentation by maintaining plant, fly and microbial populations and preparing primary neural cultures from fetal rats• Edited manuscripts, grant proposals, and other scientific documentation• Created a laboratory website and training materials for laboratory procedures
California State University Long Beach Research Technician Student Research Assistant		

Presentations and Manuscript

Ingles, C. et al. (2017) Chemical composition, and antioxidant and immune-modulatory activity of *Aloe vera* decolorized whole leaf juice and inner leaf juice [Unpublished Manuscript]. Herbalife International of America, Torrance, California, USA.

Ingles, C. et al. (2017, November 13-17). *Aloe vera*: *in vitro* immune-modulatory activity of decolorized leaf juice and inner leaf juice and chemical characterization [Poster Presentation]. *Reunión Conjunta de Sociedades de Biociencias 2017*, Buenos Aires, Argentina.

Bonaventura, M., He, K., Ingles, C., Lux-Lantos, V., Garcia-Tornadu, I. (2017, October 15-20). *In vitro* effects of *Aloe vera* extracts on cellular proliferation after injury and other measures of wound-healing in human umbilical vein endothelial cells [Poster Presentation]. *IUNS 21st ICN 2017*, Buenos Aires, Argentina.

Ingles, C. et al. (2017, April 22-26). Antioxidant and immune-modulatory effects of *Aloe vera* decolorized leaf juice vs. Inner leaf juice [Poster Presentation]. *EB 2017*, Chicago, Illinois, USA.

Professional Affiliation

Member, American Society for Cell Biology