



PhD Working Student Analytical Chemistry - Environmental Toxicology (m/f/d)

ABOUT WELLA

Wella Company is one of The World's leading Beauty companies, comprised of a family of iconic brands such as Wella Professionals, Clairol, OPI, Nioxin and ghd. With 6,000 employees globally, presence in over 100 countries, Wella Company and its brands enable consumers to look, feel, and be their true selves. As innovators in the hair and nail industry, Wella Company empowers its people to delight consumers, inspire beauty professionals, engage communities, and deliver sustainable growth to its stakeholders. Further information about the Wella Company can be found here: www.wellacompany.com.

Join the Wella family and come with us on an exciting journey exploring new opportunities as a stand-alone company!

ABOUT R&D

Research & Development in Wella is a highly collaborative, competent and innovative group. You join diverse teams of highly passionate Scientists, Engineers and Hair & Nail Artists who innovate at the forefront of technology and beauty trends. We:

- Deliver end-to-end innovation through an empowered learning culture, exploring, developing and qualifying innovations that delight consumers.
- Innovate and bring to life the future of the Company, guided by focused consumer research and the trends that will grow our industry long term.
- Drive safety, sustainability, quality and regulatory always front and center to our work.

We want you to join the Wella R&D family on an exciting journey through exciting challenges and opportunities as we become an independent, winning Wella again!

THE ROLE

We are seeking a highly motivated and creative individual with a passion for chemical biotransformation and a strong background in analytical chemistry who is interested in conducting a PhD thesis as part of a joint project between University of Trier (Environmental Toxicology), Wella Company, and other industrial partners: "Development of methods for assessing formulation influences on the activation of dendritic cells in coculture with keratinocytes (KOEXPOSENS)". The experimental work will be conducted in the laboratories of Wella in Darmstadt.

This project is co-funded by the German Ministry of Food and Agriculture (BMEL) as part of its program to promote innovation in the field of prevention of allergies and intolerances.

Key tasks:

- Establish enzymatic systems for biotransformation of consumer relevant pre/pro/haptenes.

- Assess potential activation of substances by enzymes or oxidizing systems for a better understanding of co-exposure effects.
- Use of LC-MS/MS and GC/MS to develop and validate analytical methods to quantify haptenes and metabolites
- Selected individual substances should be enzymatically oxidized, for example by screening in the peroxidase system (using horseradish peroxidase) in order to detect a possible activation analytically (cell-free). The relevance for human skin is to be verified with other human oxidative enzyme systems.
- Close collaboration with project team at University of Trier and other industrial project partners

YOUR PROFILE

- Master's degree in chemistry, chemical biology or similar with focus on analytical chemistry
- The individual will have to meet the formal criteria for admission to the Ph.D. program and exams
- Good knowledge of chromatography and mass spectrometry techniques and ability to work independently
- Practical experience with LC-MS/MS and GC/MS instrumentation for the analysis of organic traces
- Experienced in the work with biological systems, especially enzymes, biotransformation or bio catalysis.
- Enthusiastic and collaborative team player with high level of initiative
- Good communication skills - written and verbal, Fluent in English

WHAT WE OFFER

- Work smart – Possibility of home office, growth opportunities and trust-based working hours
- Package – attractive salaries; position funded by Wella for two years; and numerous corporate benefits
- Possibility to obtain a Ph.D. (Dr. rer. nat.) from University of Trier, Prof. B. Blömeke, Environmental Toxicology
- Work in interdisciplinary project team between industry and academia
- Possibility to publish in international scientific journals as well as conferences
- JOIN THE WELLA FAMILY! – Hairdressing is at our heart; it's about closeness and human-to-human connection. It's one fueled by hard working business owners and passionate artists, tirelessly working with their hands each day

Please apply at Wellacompany.com. Search the role under "Join Us".

EQUAL EMPLOYMENT OPPORTUNITIES

We offer equal employment opportunity to qualified individuals without regard to race, religion, color, national origin, age, gender, disability, sexual orientation, gender identity, gender expression, marital status, veteran status, or any other characteristic protected by law. Wella complies with federal and state disability laws and makes reasonable accommodations for applicants and employees with disabilities. We strongly believe that cultivating a diverse workplace gives a company strength. The combination of unique skills, abilities, experiences and backgrounds creates an environment that produces extraordinary results. EOE Minorities/Females/Protected Veterans/Disabled.