



Private Company 

# Evaluating sensitive skin reactions to laundry detergents

A leading global company in laundry solutions is seeking dermatology experts specializing in sensitive skin responses to laundry detergent ingredients and residue impact on skin health.

## **Background**

We are a global leader in fabric cleaning & care, developing laundry products that combine sustainable formulations with advanced stain-fighting technologies to meet consumer needs. Our sensitive-skin-friendly laundry solutions are dedicated to delivering gentle formulations with hypoallergenic yet effective ingredients that remove common allergens while being kind to sensitive skin.

Sensitive-skin laundry detergents should be formulated to clean textiles while prioritizing the needs of sensitive skin consumers. Traditionally, sensitive skin formulas have focused on minimizing potential irritation from detergent residue on textiles. Negative effects have been measured through indicators such as changes in skin protein morphology, increases in skin inflammation biomarkers, and alterations in skin moisture levels. We see value in gaining deeper insights into specific dermatological reactions that sensitive skin individuals may experience when their skin contacts laundered fabrics. This understanding could reveal unmet needs and potential benefits to guide future development of sensitive skin detergents.

## **What we're looking for**

We are looking for experts to provide insights into the experiences of sensitive skin consumers in relation to the laundry detergents they use regularly. Specifically, we want to understand the negative skin reactions consumers have encountered, identify which issues are resolved by switching detergents, and determine unmet needs that persist. Our objective is to build a detailed map of dermatological reactions associated with sensitive skin and laundry detergents, with a focus on how ingredients interact with skin barriers. This knowledge will help us identify and prioritize the most significant unmet needs of this consumer segment.

**Topics of interest**

- Comprehensive mapping of the negative effects experienced by sensitive skin care consumers in relation to laundered textiles.
- Chemistries or technologies that address negative effects experienced by sensitive skin consumers with laundered textiles beyond what current products offer.
- Laboratory or clinical test methods to measure the effects of laundry detergents on skin.

**Required qualifications**

- Dermatologists or allergy specialists with experience in sensitive skin conditions.
- Experience in developing or conducting dermatological testing methods.
- Expertise in dermatological responses to environmental or chemical irritants.

**Nice-to-have**

We're open to experts who have experience with:

- Dermatological responses to personal care or textile-related compounds.
- Sensitive skin care formulation preferably with insight into hypoallergenic and residue-free product standards.
- Clinical research or dermatological trials involving individuals with sensitive skin.

**Expert location**

- Accepting applications from experts based in all countries

**What we can offer you****Compensation**

\$75-200 per hour, depending on experience and fit.

**Networking**

We would love to expand our network of industry leaders and academic researchers in the field of sensitive skin. Through this network, we will connect with industry leaders who deliver tangible benefits to the sensitive skin consumer.

**Exposure**

Gain visibility with a multidisciplinary team by becoming part of a collaborative group specializing in laundry product innovation, and make an impact on the development of future products.

**Facilities and Services**

Partners will have the opportunity to visit our state-of-the-art facilities in person.

Please contact the University of South Florida Technology Transfer office representative for submission - Roisin McNally at [rmcnally@usf.edu](mailto:rmcnally@usf.edu).