Delivery, Modulation and Measurement of Skin and Skin Microbiome Benefits via Cosmetics

A global FSTE top 20 FMCG company with business in Hygiene is seeking novel products and ingredients which could be used for the delivery, modulation and measurement of skin and skin microbiome benefits in both personal care and “antimicrobial” formulations.

Approaches of Interest

Identification of novel agents: suitable for non-pharmaceutical consumer use, that can positively impact the skin’s own barrier/defence properties against damage and infection and/or the skin’s own microbiome’s barrier/defence properties against damage and infection including stimulation of appropriate AMPs and AMLs—especially, without negative impact to skin barrier.

- **Suggested information to include:** chemical nature of any beneficial agents including the structure, safety profile, safety testing and regulatory status

Identification of technologies to enhance deposition/delivery of benefit agents to the skin: Especially in transient consumer rinse-off applications. Fatty acid and aqueous delivery systems are of the highest interest, there is also interest in alcohol-based delivery systems.

- **Suggested information to include:** chemical nature of any beneficial agents including the structure, safety profile, safety testing and regulatory status

In vitro/ex vivo methodologies to screen and/or validate benefit agents: These should demonstrate how benefit agents modulate the skin barrier by physical and/or biochemical means e.g. preventing adhesion/growth of pathogens, promoting commensal growth, increasing antimicrobial peptides (AMP) and antimicrobial lipid (AML) release.

- **Suggested information to include:** Defining the technology basis for the methodology (e.g. gene response, AMP/AML measurement, AI…), What type of products have the methodologies been used with to measure skin response, and does the methodology rely on specific instrumentation.

Key Information

**Product Areas of Interest:** Personal care rinse off and leave on skin products e.g. bar soap, hand wash, body wash, cream/serum, alcohol based hand sanitiser.

**Stage of Development:** Our client is interested in basic research through to clinical phase 1 (TRL3+). Applications with validations e.g. in vitro, ex vivo and/or in vivo data is of highest interest. Earlier stage in silico approaches will still be considered.

**Submission Information:** Submission of one page, 200-300 word briefs are encouraged. In submitting to this campaign, you confirm that your submission contains only non-confidential information.

**Potential Collaborations for Academics:** Our client is open to a range of collaboration opportunities, with the most appropriate outcome being decided on a case-by-case basis. Examples include licencing, consulting and project funding.

Opportunities sought

- Spinout companies
- Research projects
- Centres of excellence
- Academics and expertise
- Technologies

Submissions

Please submit relevant, non-confidential opportunities online via: discover.in-part.com

Deadline: 6th December 2021 - 11:59 pm GMT

Have any questions? Contact our team at discover@in-part.co.uk