Longer lasting subtle hair colors

BEAUTY AND SKINCARE

Background

We are seeking innovative technologies to revolutionize the field of soft pastel hair colors by creating hair colorants that last longer but provide subtle colors. Our goal is to develop a technology that delivers long-lasting soft violet, soft pink, and soft gold hair colors, while prioritizing safety, ease of use, and efficacy.

What we're looking for

We are seeking new approaches to create hair colorants for pastel colors that have at least 4 weeks of lastingness (no matter the hair porosity). We are open to creative solutions, including but not limited to the following.

Solutions of interest include:

- Different ways to stick/anchor the color to hair
- Different dye formulations versus what is currently used
- Different washing routines via shampoos, conditioners, masks, leave-in treatments

Our must-have requirements are:

- Solution must achieve soft, pastel colors in hair. (Our priority colors include Pantone colors: Light violet 143812, Light green 351, Light blue 290EC, Light yellow 100EC)
- Solution must be longer lasting than current products
- Solution must be gentle on the hair and scalp, free from SVHCs
- Solution must be capable of eventually fulfilling relevant regulatory requirements in the US and EU

Our nice-to-have requirements are:

- Competitive cost (or potential of achieving competitive cost).
- Solutions at higher maturity stage are preferred, but lower maturity solutions are also welcome.

- Damage Mitigation: Technologies should prioritize minimizing hair damage during the coloring process, ideally incorporating nourishing ingredients to promote hair health and resilience
- User-Friendly Application: Ease of use is crucial. We are interested in technologies that facilitate simple and efficient application, ensuring even and consistent color distribution.

What's out of scope:

- Solutions that require FDA approval
- Animal derived materials
- VHC (substances of very high concern) or materials that present a health & safety risk for users

Acceptable technology readiness levels (TRL): Levels 3-9

1. Basic principles observed
2. Concept development
3. Experimental proof of concept
4. Validated in lab conditions
5. Validated in relevant environment
6. Demonstrated in relevant environment
7. Regulatory approval
8. Product in production
9. Product in market

What we can offer you
Eligible partnership models:
- Sponsored research
- Co-development
- Licensing
- Material transfer
- Supply/purchase

Benefits:
Sponsored Research
Funding is proposal-dependant and will be provided in phases, eg. for a proof of concept with additional follow-on funding as the project progresses successfully.

Please contact the University of South Florida Technology Transfer office representative for submission - Karla Schramm at kschramm@usf.edu