

Exploring common pathological mechanisms translatable to skin diseases

Join us in uncovering innovative solutions for skin health.



Our aim.

We are looking for **new collaboration opportunities** to better understand key pathological mechanisms that could have important applications for several skin diseases.

We acknowledge there may be **common pathological mechanisms and pathways** that drive disease across different organs and tissues. As such, we would like to identify and explore these mechanisms, through collaboration with external partners, to **better understand their potential application in dermatological conditions** of interest.

Below are listed key mechanisms identified and the dermatological diseases in which they could play key role.

Disease mechanism/pathway Skin examples	Potential disease application
New pathways that promote epithelial (epidermal) repair. Cytokine stimulation of epidermis.	Atopic dermatitis, Hidradenitis suppurativa
Therapeutically targeting glycosylation/sialylation of IgE. Mast cell sensitization.	Chronic urticaria Food allergy
Mechanism(s) by which sweat and/or sebum can trigger tissue inflammation. Microbial or viral infection of sweat glands.	Hidradenitis suppurativa
Understanding the role of type II immunity in regulation of tissue/stem cell homeostasis. Removal/depletion or repopulation of melanocytes in vitiligo.	Vitiligo
Role of environment induced stress of epithelial cells that drives immune activation. Melanocyte stress and subsequent immune activation in vitiligo.	Vitiligo
Mechanisms by which the tissue environment controls development/activation of type 2 T cells in the skin and other tissues. IL33 activation of T cells.	Atopic dermatitis
Non-cytotoxic mechanisms by which epithelial associated cells are targeted/removed in disease. Melanocytes in epidermis of vitiligo patients.	Vitiligo
Mechanisms driving tissue immune privilege collapse. Hair follicles in alopecia.	Alopecia

This call is open to scientists from all medical disciplines/areas, emphasizing a holistic approach beyond Dermatology alone.

Who is this for.

This call is addressed to scientists affiliated to universities, research centres, start-ups, biotechnology, and pharmaceutical companies, all over the world.

Collaboration framework.

- Submitted proposals may become eligible to receive a research grant.
 - Funding will be granted to those submissions that are deemed valuable and are approved by Almirall.
 - Research grants up to € 250000. Final amount will be consistent with the proposed research project, and it may be provided in one or several instalments.
- Intellectual property rights remain with the applicant.
 - You will retain ownership of any intellectual property you may bring or develop.
- Additional scientific support will be provided on an ad-hoc basis.
- Mentorship by Almirall experts to advance the initial proposal to meet project criteria.
 - Technology platforms to assist in your target validation.
 - Pharmacological tools.
 - Advise on intellectual property matters.
- An Almirall designated contact person will help you on answering your questions.
- The potential to establish a long-term partnership.

Collaboration process.

- Proposal submission
 - The first step is for you to create an account in [AlmirallShare Innovation platform](#) which is a secure site to store and manage your proposals.
 - The submission period is from October 24th, 2023, to January 31st, 2024.
 - Please include an outline of your proposal (max. 300 words) and a detailed description of your proposal including publications that support it (max 3 pages).
- All the initial information provided under the proposal should be non-confidential.
- Submissions will be handled following all applicable local compliance rules.
- Proposal evaluation and selection
 - A team of Almirall' scientific experts will evaluate your proposal. You will receive in writing Almirall's decision regarding your proposal within 6-10 weeks after the submission deadline.
 - If your proposal has been selected, a member of the AlmirallShare Team will contact you to initiate a partnership agreement that will reflect a collaborative proposal, including eventual experimental activities, and/or a business proposal according to current asset's development phase.
 - If your proposal has been approved, we will reach out to you to initiate a collaboration agreement that will reflect the experimental activities supported and the funding amount. An Almirall scientist will be assigned to collaborate with you on project definition as well as project follow-up.

Join us in our journey.
Almirall, Science, and you
AlmirallShare Team