



Human Epidermal Stem Cells: Molecular Identifiers and Functional Regulators

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Message from the Guest Editors

Deciphering the stemness status in the model of the human epidermis, as well as that of the mechanisms controlling the potentialities of the stem cells of this tissue such as self-renewal, constitutes a challenge on a fundamental level, but also for the design of next-generation biotherapies.

This Special Issue welcomes original research and review articles focusing on state-of-the-art and novel knowledge on the molecular identifiers of human epidermal stem cells and the molecular effectors involved in controlling their fate and functions. The covered areas include but are not limited to:

- Epithelial stem cells from the interfollicular epidermis and hair follicles;
- Molecular identifiers and phenotypic markers;
- Regulation of stemness, self-renewal, and differentiation orientation;
- Protein-coding genome, non-coding genome, epigenetic factors;
- Molecular dialogues with other skin resident cells;
- Molecular responses to exposome factors and stimuli;
- Pathophysiological molecular dysregulations affecting epidermis stem cells;





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Message from the Editorial Board

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