

Special Issue

Skin Epidermis and Barrier Function

Message from the Guest Editor

Skin epidermis is the outermost epithelial tissue that protects our body from the outer environment. Complex differentiation/proliferation processes orchestrate the maturation of skin epidermis, and various molecules participate in skin barrier function. Disruption of epidermal homeostasis is closely linked with various skin diseases that include xerosis, atopic dermatitis, psoriasis, and skin squamous cell carcinoma. This Special Issue under the title of "Skin Epidermis and Barrier Function" invites excellent research related to various aspects of skin epidermis and barrier function at molecular level.

Keywords: Skin epidermis; Stratum corneum; Corneocytes, keratinocytes; Epidermal differentiation/proliferation; Skin barrier function, skin barrier dysfunction; Epidermal lipids, ceramide, free fatty acid, cholesterol, natural moisturizing factor; Filaggrin, loricrin, involucrin, keratin, corneodesmosome; Tight junction; Atopic dermatitis, Eczema; Dry skin, Psoriasis; Squamous cell carcinoma; Skin stem cell

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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