

## Special Issue

# Recent Advances in Biology of Ultraviolet Radiation (UVR) and Vitamin D

### Message from the Guest Editors

UVR in addition of inducing skin pathology including cancer and aging also exert positive homeostatic effects. The latter includes UVB induced production of vitamin D, which after enzymatic activation exert pleiotropic effects involving regulation of barrier function, of immune and endocrine activities with anticancer actions, aside of regulating body calcium homeostasis. New mechanisms of activation and action of vitamin D have been discovered and a role for UVB in health has been proposed.

This Special Issue will publish the latest findings on broad range of actions of UVR that include negative or positive impact on health, on the role of vitamin D in regulation of local and global homeostasis and on the anti-cancer and/or chemopreventive functions of its metabolites. We welcome experimental research, review and perspective articles dealing with the biological action of UVR, its role in skin physiology and pathology and systemic regulation of body homeostasis. We also welcome articles on the role of vitamin D and its metabolites in the preventive healthcare and diseases treatment including cancer as well as on mechanism(s) of action of these molecules.

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### Guest Editors

Prof. Dr. Andrzej Slominski

Department of Dermatology, University of Alabama at Birmingham, Birmingham, AL 35294, USA

Dr. Frank De Gruijl

Department of Dermatology, Leiden University Medical Center, PO Box 9600, 2300RC Leiden, The Netherlands

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### Deadline for manuscript submissions

closed (30 June 2021)



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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### Message from the Editor-in-Chief

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Prof. Dr. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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