

Special Issue

UV Radiation and Health

Message from the Guest Editor

Solar ultraviolet radiation has been described as a complete carcinogen, and yet is a part of our natural environment, more so in some parts of the world than others. Meanwhile, it is widely accepted that skin synthesis after exposure to sunlight is a major source of vitamin D. Vitamin D is widely recognised as necessary for a healthy musculoskeletal system, but has also been linked to a wide range of other health benefits including immunomodulation and chemoprevention. At the same time, exposure to UV radiation has other effects upon the immune system. Both positive and negative effects of UV exposure can also be induced by artificial radiation (e.g., sunbeds) although these usually have a spectrum different to that of the sun, and optimised for tanning. The complexities associated with quantifying the various health responses associated with exposure to UV radiation leads to difficulties in formulating public health messages that are both simple and widely applicable. This Special Issue invites submissions that help to elucidate one or more of the health outcomes associated with exposure to UV radiation, be that the natural solar source, or artificial UV radiation.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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