

## Special Issue

# UV-C Light and Pulsed Light: Two Powerful Techniques for Useful Applications in Field and Postharvest Conditions

### Message from the Guest Editor

Recent observations have demonstrated that it is possible to define non-deleterious doses of UV-C light, in the form of either flashes or continuous illuminations, for seeds, growing plants and harvested organs, which are effective for surface-disinfecting purposes and for stimulating positive biological processes in plants. It has been notably observed that UV-C light can be used as a lever to stimulate plant growth, immunity, secondary metabolism and defences. There is also increasing evidence that UV-C light has outstanding potential for agronomic purposes, notably because it can be applied in the field; however, there is still a lack of understanding of the mechanisms of UV-C light perception and of the signalling, regulatory and metabolic pathways involved. We welcome, for this Special Issue, original papers and also reviews dealing with the biological effects of UV-C light, including pulsed light, ranging from plant physiology and pathology to agronomy and postharvest.

### Guest Editor

Prof. Dr. Laurent Urban

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### Deadline for manuscript submissions

closed (15 December 2021)



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