



## Nanomaterials Applied in Regenerative Healing and Scar Free Healing Current Concepts and Future Perspectives

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Among its numerous functions, the skin is mainly responsible for maintaining the structural and physiological barrier between an organism's internal and external environment. As the first line of defense against external threats, the skin is injured more frequently than any other tissue and the damage, while repairable, leads to permanent scarring in mammals. In domestic animals and humans, scarring on the skin after surgery, trauma, burn, or sports injury is a major medical problem, generally resulting in adverse aesthetics, loss of function, restriction of tissue movement, and/or growth and adverse psychological effects. The main objective of this Special Issue is to collect the knowledge for the prevention and/or treatment of dermal scarring because the current treatments are empirical, unreliable, and unpredictable.

Dr. Bogdan Stefan Vasile  
*Guest Editor*





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