

Special Issue

Molecular Interactions in Inflammatory Skin Diseases (ISDs): The Role of Exosomes and Other Molecular Mediators in Pathogenesis and Therapeutic Strategies

Message from the Guest Editor

Inflammatory skin diseases (ISDs) comprise a group of skin disorders characterized by damage to skin function due to excessive inflammatory reactions. Although these reactions can be triggered by external factors such as ultraviolet radiation, physical damage or infection, they can also result from unknown abnormal immune activations and abnormal keratinocyte behavior. Such ISD caused by unexplained abnormalities is chronic in nature, which not only increases the risk of psychiatric disorders in patients, but also impairs the barrier function of the skin, thus increasing susceptibility to further chronic inflammatory diseases. In this Special Issue, I would like to focus on the role that is not yet fully understood and summarize what is known about exosomes in terms of their therapeutic possibilities and inhibition of immune system hyperreactivity in skin diseases. Research areas include, but are not limited to, psoriasis, atopic dermatitis, autoinflammatory skin diseases, allergic contact dermatitis, etc. Dr. Natalia Karolina Kordulewska

Guest Editor

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