

Advances in Skin Biology and Skin Diseases with an Emphasis on Treatment

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Major scientific advances continually inform our approach to patient care. In order to advance this approach it is incumbent on us to have a better knowledge of the pathophysiology of disease. In this lecture I will describe several examples of the basic science of discoveries that are helping us to better understand the mechanisms involved in and the treatment of human disease. I will discuss the importance of identifying disease genes and their contribution to disease susceptibility in diseases that are now recognized as complex genetic diseases, such as psoriasis and newly-described monogenic autoinflammatory diseases. I will also discuss the advent of new treatments that are based on the molecular mechanisms of benign and malignant diseases.