

# Dermatology Basic Research

**A**cne is a very common skin disease in young people and adults. It may lead to psychological distress and feelings of low self-esteem as well as permanent facial scarring. The production of sebum (oil) by sebaceous glands is a key factor in the development of acne. The overall goal of our research is to elucidate the mechanisms that regulate human sebum production in order to help promote the development of safer and more effective treatments for this disease than are currently available. Our lab has been conducting research in this area for almost

ten years and has had our findings published in numerous world-renowned research journals. This research has been supported by private industry as well as by government NIH funding. Working in conjunction with other laboratories, we have the benefit of a diversified knowledge base as well as a wide array of state-of-the-art equipment. We are making use of cutting-edge technology in order to gain a better understanding of the fundamental causes of acne. This knowledge can then be used to facilitate vital advances in the treatment of acne.



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