

## James G. Krueger, MD, PhD, a Dermatologist with The Rockefeller University Hospital

Get to know Dermatologist Dr. James G. Krueger, who serves patients in New York, New York.



**New York, New York City, Jul 27, 2021 ([Issuewire.com](https://www.issuewire.com))** - A highly skilled and respected dermatologist, Dr. Krueger serves as Head of the Laboratory for Investigative Dermatology and Professor in Clinical Investigation and Dermatology at The Rockefeller University. He also serves as Co-director for the Center for Clinical and Translational Science at The Rockefeller University Hospital, and as Chief Executive Officer of the hospital since July of 2008.

Caused when the immune system attacks the skin, psoriasis is one of the most accessible human diseases in which to examine how the activation of white blood cells called T cells leads to autoimmune disorders. Dr. Krueger uses psoriasis as a model to study inflammatory diseases that involve Th17 cells, a set of T cells. His work has implications for other common inflammatory diseases, such as rheumatoid arthritis and inflammatory bowel disease.

His group focuses on cutaneous inflammation and autoimmune mechanisms in human skin. Their research is fundamentally rooted in “bench-to-bedside” science, combining the clinical study of new medical therapeutics with laboratory research on relevant immunopathogenic mechanisms in human cells and tissues. The laboratory conducts clinical research on patients with psoriasis Vulgaris at The Rockefeller University Hospital. They treat patients with a wide variety of engineered immune molecules in order to restore normal immune responses. By combining novel immune-directed therapeutics with a large-scale study of gene expression, an approach called pharmacogenetics, the researchers seek to uncover the molecular pathways that cause pathogenic inflammation and regulate normal human immune responses. His work has formed the scientific basis for the highly successful treatment of psoriasis with a range of biological immune drugs that target the “Type 17” inflammatory immune axis.

With a broad educational background, Dr. Krueger earned his bachelor's degree from Princeton University and a Ph.D. in Virology and Cell Biology from Rockefeller University. He then received his medical degree from Cornell University Medical College, where he also completed an internship in internal medicine and a residency in dermatology.

An expert in the diagnosis and treatment of psoriasis and other inflammatory skin disorders such as hidradenitis suppurativa, he is board certified in dermatology by the American Board of Dermatology (ABD). The ABD is a voluntary, non-profit, private autonomous organization formed for the primary purpose of protecting the public interest by establishing and maintaining high standards of training, education, and qualifications of physicians rendering care in dermatology.

Dermatology is the branch of medicine dealing with the skin. The skin is the largest organ of the body. Dermatology is a specialty with both medical and surgical aspects. A dermatologist is a specialist who manages skin diseases and addresses both internal and external causes, including cosmetic concerns, involving the skin. Dermatological duties include providing consultations and screening tests, as well as undertaking cutaneous surgical procedures.

Among Dr. Krueger's most notable achievements include Distinguished Achievement Award, American Skin Association, 2001; Psoriasis Research Achievement Award, American Skin Association, 2001; E.H. Ahrens Jr. Award, Association for Patient-Oriented Research, 2006; Astellas Award, American Academy of Dermatology, 2010; Farber Award, Society of Investigative Dermatology, 2010; and Van Scott Award for Innovative Therapy of the Skin, 2015.

#### **Learn More about Dr. James G. Krueger:**

Through his findatopdoc profile, <https://www.findatopdoc.com/doctor/3400149-James-Krueger-Dermatologist?zipcode=10065> or through The Rockefeller University, <https://www.rockefeller.edu/our-scientists/heads-of-laboratories/1199-james-g-krueger/>

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