

**Education****College/University:**

Lucknow University

All India Institute of Medical Sciences, New Delhi, India

Highest degree:

M.Sc(Biochemistry)

Major Subjects:

Biochemistry, Immunology

First name:

Rahul

Last name:

Purwar

Date of birth:

05.11.1977

Country:

India

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Supervisor:

Prof.Dr. M. Wittmann

Prof. Dr. T.Werfel

**Dept. Of Dermatology &
Allergology**

Projects/Research:

T cell - keratinocyte interaction in chronic inflammatory skin diseases

Scientific Interests and Goals:

Doing good research in the field of Immunology

Hobbies and other interests:

Reading, Cricket

Publications:

Purwar R, Werfel T, Wittmann M. Modulation of keratinocyte-derived MMP-9 by IL-13: a possible role for the pathogenesis of epidermal inflammation. *J Invest Dermatol.* 2007 (in press)

Purwar R, Werfel T, Wittmann M. Regulation of IL-13 receptors in human keratinocytes. *J Invest Dermatol.* 2007; 127(5):1271-4.

Purwar R, Wittmann M, Zwirner J, Oppermann M, Kracht M, Dittrich-Breiholz O, Gutzmer R, Werfel T. Induction of C3 and CCL2 by C3a in keratinocytes: a novel autocrine amplification loop of inflammatory skin reactions. *J Immunol.* 2006; 177(7):4444-50.

Gutzmer R, Kother B, Zwirner J, Dijkstra D, Purwar R, Wittmann M, Werfel T. Human plasmacytoid dendritic cells express receptors for anaphylatoxins c3a and c5a and are chemoattracted to c3a and c5a. *J Invest Dermatol.* 2006; 126(11):2422-9..

Purwar R, Werfel T, Wittmann M. IL-13-stimulated human keratinocytes preferentially attract CD4+CCR4+ T cells: possible role in atopic dermatitis. *J Invest Dermatol.* 2006; 126(5):1043-51.

Wittmann M, Purwar R, Hartmann C, Gutzmer R, Werfel T.

Human keratinocytes respond to interleukin-18: implication for the course of chronic inflammatory skin diseases. *J Invest Dermatol.* 2005; 124(6):1225-32.