WNT signaling in airway remodeling in asthma
Kumawat, Kuldeep

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Curriculum Vitae

The author of this thesis was born on April 28th 1982 in Ajmer district of the state of Rajasthan, India. He completed his high school from the Central Academy, Ajmer in 2000 and pursued graduate studies (Biotechnology, Zoology and Botany electives) leading to B.Sc. at University Maharaja’s College of the University of Rajasthan, Jaipur, India. He went on to pursue his M.Sc. in Zoology where he specialized in Cell and Molecular Biology at the same university. After Masters, he joined the group of Prof. Joyoti Basu at Bose Institute, Kolkata, India as a junior research fellow where he investigated the signaling cascade underlying the death of *Mycobacterium tuberculosis*-infected macrophages. He also investigated the molecular mechanisms involved in the immunomodulatory effects of *Mycobacterium tuberculosis* and HIV co-infection in T-cells. In June 2010, he started PhD under the supervision of Dr. Reinoud Gosens at the Department of Molecular Pharmacology, University of Groningen, the Netherlands where he investigated the role of WNT signaling in airway remodeling using both *in vitro* and *in vivo* approaches. The findings of his PhD research work are presented in this thesis. During his PhD, he also participated in numerous national and international conferences where he presented his research findings. He was awarded an American Thoracic Society International Trainee Travel Award and Stuart J. Hirst Abstract Excellence Award in 2012 for the part of his work which is presented in this thesis. During his PhD studies, he developed ardent interest in the mechanisms that regulate lung repair and regeneration. This led him to the University of California at San Francisco, San Francisco, USA where he is currently a postdoctoral scholar.
List of Publications

Existing/Published papers (Chronological):


Manuscript under revision:

Published Abstracts:


