

Developing nanomedicine based therapeutics for Malaria, Breast Cancer and HAPE is My Ultimate Goal: Dr Seema Sehrawat

Dr. Seema Sehrawat, a Vascular Biologist trained at *Harvard Medical School* working in the Department of Life Sciences at Shiv Nadar University, is involved in developing Nanomedicine-based therapeutics for *Breast Cancer, Cerebral Malaria and High Altitude Pulmonary Edema (HAPE)*. Awarded the prestigious **Talwar Immunology Foundation** Award for 2013, her research focuses on identifying the “*Novel Molecules that can regulate the progression of Breast Cancer, Cerebral Malaria and High Altitude Pulmonary Edema (HAPE)*”.

Dr Seema has represented Shiv Nadar University at many prestigious international conferences and will soon be participating in more. Dr Seema said, “I am very glad to share that I have been selected as the lead author on ‘*Signalling in Breast Cancer*’ at the upcoming prestigious Cold Spring Harbor meeting, New York, USA and on ‘*Biomarkers for Breast Cancer*’ at the Second Annual Global Biomarkers Consortium Annual Conference Boston, USA.



Dr Seema has collaborated with researchers from Harvard Medical School and Michigan Center for Translational Pathology for her research on Breast Cancer and with Dr Shailja Singh, Assistant Professor, Shiv Nadar University for developing treatments for Cerebral Malaria that account for many deaths in the developing communities. Her work on Cerebral Malaria was presented as a lead author at the special session on *Hot topics in Drug Targets at the “Drug Discovery and World Congress”*, 2013, Boston, USA, a meeting that was attended by a number of Nobel laureates. She gave invited seminars at Harvard Medical School; Section of Infectious Disease, Yale School of Medicine and International Center for Genetic Engineering and Biotechnology, New Delhi.

CONFERENCE ABSTRACT (SESSION)

Hot Topics in Drug Targets (Track)



TARGETING THE SIGNALING MACHINERY MODULATING ENDOTHELIAL PERMEABILITY: A NOVEL APPROACH FOR TREATMENT OF CEREBRAL MALARIA

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To know more about Dr Seema’s research visit:

http://www.snu.edu.in/naturalsciences/natural_sciences_research_life_sciences.aspx