

Curriculum Vita

Neeti Srivastava

Mountain View College
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Education:

Ph. D. (1995) in Biosciences and Biotechnology
Dissertation *Biochemical Investigation into the maturation of sperm in Epididymis*
University Of Roorkee, Roorkee, India

M. Sc. (1988) in Biosciences(Honors)
University of Roorkee, Roorkee, India

B.Sc. (1986) in Chemistry, Botany, Zoology and English(Honors)
Dayalbagh Educational Institute, Agra, India.

Research Experience

Jan, 2002 to July, 2002: Baylor College of Dentistry, Dallas

May 1997 to Oct, 2001: Medical University of Ohio, Toledo: Department of Medicine

July 1995 to April 1997: Genetic Engineering Unit, Jawaharlal Nehru University, New Delhi, India.

Teaching Experience

Teaching undergraduate students Anatomy and Physiology, Nutrition and Biology at Mountain View College since January 2004.

Awards and Fellowships

National Education Test, conducted by the Council for Scientific and Industrial Research New Delhi, India (1988)

Senior Research Fellowship awarded by the Council for Scientific and Industrial Research New Delhi, India (1991).

Publications

Abstract: Impact of environment on reproduction of male goats in North India. M Gaur N Srivastava, BMJ Pereira. In the XI All India symposium on reproductive Biology and comparative endocrinology (1993).

Abstract: Processing of sperm membrane proteins during passage through the epididymis. N Srivastava, BMJ Pereira. In XXI International conference on Molecular and Metabolic Endocrinology and Contraception Technology (1994).

Abstract: V Gene Family usage in the Anti MCPS response in hu-PBL-SCID mice Vs the *in vivo* anti MCPS response. SL Smithson, N Srivastava, W Hutchins, MAJ Westerink. In 98th General Meeting of the American Society for Microbiology. Atlanta (1998)

Abstract: Variable heavy chain utilization in response to the capsular polysaccharide of *Streptococcus pneumoniae* serogroup 4. N Srivastava, SL Smithson, MAJ Westerink. In the 100th General meeting of the American Society of Microbiology. Los Angeles (2000)

Impact of prolactin on epididymal lipid profile in castrated rats. B Ray, R Gautam, M Gaur, N Srivastava, BMJ Pereira, Ind J Expt Biol 32: 299-303 (1994).

Rejuvenation of epididymal principal cells by prolactin under androgen deficiency. R Gautam, M Gaur, N Srivastava, BMJ Pereira, Ind J Expt Biol 32: 854- 859 (1994)

Molecular analysis of the heavy chain of antibodies that recognize capsular polysaccharide of *Neisseria meningitidis* in hu-PBMC reconstituted SCID mice and in human donor. Smithson SL, Srivastava N, Hutchins WA, Westerink MAJ, Molec Immunol 36: 113-124. (1999)

Selection of a peptide mimic of the capsular polysaccharide of *Neisseria meningitidis* serogroup A using a peptide display library. M Grothaus, N Srivastava, SL Smithson, T Kieber-Emmons, DB Williams, GM Carlone, MAJ Westerink. Vaccine 18(13) 1253-1263 (2000).

Selection of an immunogenic and protective epitope of the PsaA protein of *Streptococcus pneumoniae* using a phage display library. N Srivastava, JL Zeiler, SL Smithson, GM Carlone, E Ades, SE Johnson, T Kieber-Emmons, MAJ Westerink. Hybridoma 19(1): 23-31. (2000)

A DNA vaccine encoding a peptide mimic of *Streptococcus pneumoniae* serotype 4 induces specific anti carbohydrate antibodies in Balb/c mice. GB Lesinski, SL Smithson, N Srivastava, D Chen, G Widera, MAJ Westerink. Vaccine 19(13-14): 1717-1726 (2001)

ProJuvant (Pluronic F127/chitosan) enhances the immune response tp intranasally administered tetanus toxoid. MA Westerink, SL Smithson, N Srivastava, J Blonder, C Coeshott, G Rosenthal. Vaccine 20(5-6):711-723(2001)

Differential V gene expression detected in the immune response to *Streptococcus pneumoniae* capsular polysaccharide between elderly and young adults. SL Smithson, N Srivastava, S Romero-Steiner, GM Carlone, MAJ Westerink. Hybrid Hybridomics. 21(1): 19-24(2002)

A Novel Approach to Study Variable Heavy Chain Gene Usage in Response to the Capsular Polysaccharide of *Neisseria meningitidis* Serogroup C. N Srivastava, SL Smithson, MAJ Westerink, Journal of Microbiological Methods 50(3): 249-262 (2002)

Immune response to pneumococcal polysaccharides 4 and 14 in elderly and young adults: analysis of the variable light chain repertoire. Smithson SL, Kolibab K, Shriner AK, Srivastava N, Khuder S, Westerink MA: *Infect Immun* 73:7477-84, 2005