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2. Designation : Scientist-D
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4. Date of Birth: 9th October 1973

1. Educational Qualification : Degrees obtained (Begin with Bachelor's Degree)

Degree	Institution	Field (s)	Year
BSc	PG college, Osmania University	Chemistry, Zoology, Botany	1994
MSc	Genetics Department, Osmania University	Genetics	1996
PhD	Applied Biology	National Institute for Research in Reproductive Health	2003

2. Research/Training Experience

Year	Institution	Workdone/Training	Position
2003-2008	Institute of Genomics and Integrative Biology	Transcriptomic and Genetic differences in healthy individuals of three extreme body constitution	RA
2009-2012	National Institute of Immunology	Genome Wide Association Studies (GWAS) on Rheumatoid arthritis and Ulcerative colitis	RA
March 2012-July 2015	Regional Medical Research Centre, Bhubaneswar	Human Genetics lab in-charge, Hemoglobinopathy screening, Cord blood screening for Sickle cell disease in tribals of Odisha, Principal Investigator of Biomedical Informatics unit, Co-guide of a PhD student	Scientist-D
August 2015-till date	National Institute of Pathology, New Delhi	Project Proposal formulations	Scientist D

3. Research specialization (Major scientific fields of interest) : Genetics and Genomics of non-communicable diseases
4. Important recent publications (last 5 years, with titles and References), including papers In press

- 1) Dehury B, Behera SK, **Negi S**. Overcoming the limitation of GWAS platforms using systemsbiology approach. *Current Bioinformatics* , 2016 (accepted).
- 2) Behera SK, Praharaj AB, Dehury B, **Negi S**. Exploring the role and diversity of mucins in health and disease with special insight into non-communicable diseases. *Glycoconj J*. 2015 Aug 4Nov;32(8):575-613.
- 3) Dixit S, Sahu P, Kar SK, **Negi S**. Identification of the hot-spot areas for sickle cell disease using cord blood screening at a district hospital: an Indian perspective. *J Community Genet*. 2015 Oct;6(4):383-7. doi: 10.1007/s12687-015-0223-7.
- 4) Juyal G*, **Negi S***, Sood A, Gupta A, Prasad P, Senapati S, Zaneveld J, Singh S, Midha V, van Sommeren S, Weersma RK, Ott J, Jain S, Juyal RC, Thelma BK. Genome-wide association scan in north Indians reveals three novel HLA-independent risk loci for ulcerative colitis. *Gut*. 2015 Apr;64(4):571-9. doi: 10.1136/gutjnl-2013-306625.
- 5) **Negi S***, Juyal G*, Senapati S, Prasad P, Gupta A, Singh S, Kashyap S, Kumar A, Kumar U, Gupta R, Kaur S, Agrawal S, Aggarwal A, Ott J, Jain S, Juyal RC, Thelma BK. A genome-wide association study reveals ARL15, a novel non-HLA susceptibility gene for rheumatoid arthritis in North Indians. *Arthritis Rheum*. 2013; 65(12): 3026-35.
- 6) Juyal RC, **Negi S**, Wakhode P, Bhat S, Bhat B, Thelma BK. Potential of Ayurgenomics approach in complex trait research: Leads from a pilot study on Rheumatoid arthritis. *PLoS One*. 2012; 7(5): e38095.
- 7) **Negi S**, Kumar A, Thelma B K, Juyal RC. Association of Cullin1 haplotype variants with Rheumatoid Arthritis and response to Methotrexate. *Pharmacogenet Genomics*;2011, 21(9): 590-3
- 8) Aggarwal S, **Negi S**, Jha P, Singh P, Stobdan T, Pasha MAQ, Ghosh S, Agrawal A, Indian Genome Variation Consortium Indian Genome Variation Consortium,

- Prasher B, Mukerji M. EGLN1 involvement in high-altitude adaptation revealed through genetic analysis of extreme constitution types defined in Ayurveda. *PNAS*; 2010, 107(44): 18961-18966.
- 9) Prasher B*, Negi S*, Aggarwal S, Mandal AK, Sethi TP, Deshmukh S, Purohit S, Sengupta S, Mohammad F, Garg G, Brahmachari SK, Indian Genome Variation Consortium, and Mukerji M. Whole genome expression correlates of extreme constitutional types defined in Ayurveda. *J Transl Med*; 2008, 6:48
- 10) Singh S, Joshi S and Khole V. Immuno-chemical and Functional Characterisation of a Polyclonal Antibody to Humna Sperm Antigen. *Indian J Exp Biol*; 2001, 39:209 – 217
- 11) Khole V, Joshi S and Singh S. Identification of Epididymis Specific Antigen using Neonatal Tolerisation. *Am. J. Reprod. Immunol*; (2000), 44: 350 – 358

‘*’ equal contribution (First authors).