



First name:
Manvendra

Last name:
Singh

Date of birth:
02.01.1979

Country:
India

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@yahoo.com

Supervisor:
Prof. Kispert
Molecular Biology

Education

College/University:

2000-2002 Madurai kamaraj University M.Sc in Biotechnology.

Highest degree:

M.Sc. in Biotechnology

Major Subjects:

Biotechnology

Projects/Research:

1. Construction of antisense vector to study the process of Melanin biosynthesis and UV induced inflammation.
2. Production, purification, characterization and comparative study of a protease from a thermophilic fungi *Thermomyces lanuginosus*.

Scholarships:

1. Awarded by DBT, India for selection in All India combined M.Sc. biotechnology program. (2000-2002).
2. Junior Research Fellowship (JRF) awarded by Council for Scientific and Industrial Research (CSIR), India.
3. R&D Assistantship from JNCASR, Bangalore, India.

Scientific Interests and Goals:

My main field of interest is Developmental Biology, I want to study the biology of Heart, Somite and Limb Patterning. I would consider myself to be successful in my ambition if I am in any way able to add to the knowledge that will ultimately help us to understand this fascinating area of biology better.

Hobbies and other interests:

Music, Cricket, Movies, literature, etc.

Publications:

- (1) Singh MK, Petry M, Haenig B, Lescher B, Leitges M, Kispert A. The T-box transcription factor *Tbx15* is required for skeletal development. **Mechanisms of Development.** 2005;122(2):131-44.
- (2) Singh MK, Christoffels VM, Dias JM, Trowe MO, Petry M, Schuster-Gossler K, Burger A, Ericson J, Kispert A. *Tbx20* is essential for cardiac chamber differentiation and repression of *Tbx2*. **Development.** 2005 Jun;132(12):2697-707.
- (3) Airik R, Bussen M, Singh MK, Petry M, Kispert A. *Tbx18* regulates the development of the ureteral mesenchyme. **Journal of Clinical Investigation**