

Curriculum Vitae (Résumé)

(I) General Information :

Name : JAY V. PATANKAR

Nationality : Indian

Permanent Address : 4,Shree Apartment , Parijat Colony , Samarth Nagar ,
NASHIK – 422 005, Maharashtra State, (India)

Current Address : Elisabethstrasse 93/355
8010; Graz 60101

Date of Birth : 21st September 1982

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CURRENTLY : Pursuing PhD (Doctoral studies) in Molecular Medicine
Institute of Biochemistry and Molecular Biology,
Medical University of Graz.

(II) Educational Information :

Examination/ Course	Year	Marks	University	Subject
* M.Sc	2003 – 2005	73.0%	B. H. U. (www.genetics-bhu.com)	Molecular and Human Genetics
* B.Sc.(TY)	2003	67.50 %	Pune University	Microbiology

(III) Work experience:

i] 2005 -2006

For a year after my MSc I was involved in a genome sequencing project at the National Center for Cell Sciences (NCCS) www.nccs.res.in/ on a project titled “*Expressed Sequence Tag analysis of mosquito genome*”, funded by Department of Biotechnology – Govt. of India in capacity of a project assistant.

Research Publication:

Optimization of culture conditions for the production of extracellular agarases from newly isolated *Pseudomonas aeruginosa* AG LSL-11 (2006)
M. Lakshmikanth, S. Manohar, **J. Patankar**, P. Vaishampayan, Y. Shouche and J. Lalitha
World Journal of Microbiology & Biotechnology – Springer.

ii] 2006-2007

During this academic year I was associated with the HPT Arts & RYK Science College in the capacity of Lecturer for Masters degree programs in Microbiology and Zoology. I was involved in teaching subjects like Genetics, Molecular Genetics, Developmental Biology & Evolutionary Genetics to graduate and undergraduate students.

(IV) Research Projects :

1. Dissertation Project: As a part of M.Sc Molecular and Human Genetics curriculum, I was privileged to undertake a dissertation under **Prof. J K Roy** on the topic “**A search for a novel *Drosophila melanogaster* tumor suppressor**”. The project involved a **genetic screen for a novel tumor suppressor** gene present within the interval 71F4-5. This gene hasn't been well characterized. The lab holds a mutant for the gene with a **tumorous brain phenotype**. The work involved identification of possible **candidate genes** in the interval 71F4-5 which were **CG6151** and **ckIIalpai1** followed by expression profiling for the candidate genes in the mutant flies. The screen also involved P-element mutagenesis by hopping the P transposon from a neighboring region.

2. TIFR - NCBS www.ncbs.res.in/ Summer project: After completion of my M.Sc (previous) at BHU, I was selected for summer project at TIFR–NCBS, Bangalore (National Center for Biological Sciences) under **Prof. Obaid Siddiqi**. My project was to characterize the olfactory behavior of a *Drosophila melanogaster* P insertion mutant, named OK66 obtained from Cambridge genetics department.

(V) Co –Corricular Activities :

1. First Prize in Tech Fest : I won the first prize in the regional level technical paper presentation contest at tech fest “**PIONEER 2K2**” @ Kolhapur Institute of Technology (KIT) in October 2003. This was great honor to my college since it was the first time that the award was won by my College. Engineering & Science Colleges from many Indian States participated. The title of my paper was “Genetically Modified Food ”.

2. Science Exhibition: During S.Y.BSc, I participated in Science Exhibition. My exhibit on **Bioluminescence** won the prize and was sent for District Level Exhibition.

3. Glaxo Training: During S.Y.BSc, I was deputed by my College in **Glaxo Smith Kline (GSK) Laboratories, Nasik** for a month's training. I worked in the **Quality Assurance (QAD), Microbiology and Chemistry sections**. **Glaxo Smith Kline Ltd** is world renowned multinational pharma giant and I was lucky to handle computerized & automated HPLC, GC and other sophisticated equipment.

(JAY PATANKAR)