

AYUSH AGGARWAL

CURRENT POSITION	Graduate Student(CSIR-SRF) at CSIR – IGIB, Delhi (Supervisor – Dr. Vivek T. Natarajan) August 2017 – Present
EDUCATION	Ph.D. STUDENT IN BIOLOGICAL SCIENCES, CSIR-INSTITUTE OF GENOMICS AND INTEGRATIVE BIOLOGY August 2017 – Present B.E. BIOTECHNOLOGY, NETAJI SUBHAS INSTITUTE OF TECHNOLOGY (DELHI UNIVERSITY) (CURRENTLY NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY) 2011 - 2015
PUBLICATION	<p>Raja, D. A., Subramaniam, Y., Aggarwal, A., Gotherwal, V., Babu, A., Tanwar, J., Motiani, R. K., Sivasubbu, S., Gokhale, R. S., & Natarajan, V. T. (2020). Histone variant dictates fate biasing of neural crest cells to melanocyte lineage. Development, dev.182576. https://doi.org/10.1242/dev.182576</p> <p>Grover, R., Burse, S.A., Shankrit, S., Aggarwal, A., Kirty, K., Narta, K., Srivastav, R., Ray, A.K., Malik, G., Vats, A., Motiani, R.K., Thukral, L., Roy, S.S., Bhattacharya, S., Sharma, R., Natarajan, K., Mukerji, M., Pandey, R., Gokhale, R.S., Natarajan, V.T., 2019. Myg1 exonuclease couples the nuclear and mitochondrial translational programs through RNA processing. Nucleic Acids Res. 47, 5852–5866. https://doi.org/10.1093/nar/gkz371</p>
EXPERIENCE	PROJECT FELLOW, CSIR-INSTITUTE OF GENOMICS AND INTEGRATIVE BIOLOGY OCTOBER 2015 – JULY 2017 Worked on the project entitled “Genome Dynamics in Cellular Organization, Differentiation and Enantiostasis (BSC-0123)” under the supervision of Dr. Rajesh S. Gokhale.
ADDITIONAL QUALIFICATIONS	56TH RANK IN JOINT CSIR-UGC TEST FOR JUNIOR RESEARCH FELLOWSHIP (NET) 2016 94.59 PERCENTILE IN GRADUATE APTITUDE TEST IN ENGINEERING (GATE-BT) 2016 MERIT SCHOLARSHIP AWARD FOR PERFORMANCE IN FINAL YEAR EXAMINATION OF UNDERGRADUATION DEGREE 2015-16 317 SCORE IN GRE GENERAL TEST 2014

19999 RANK OUT OF 1.1 MILLION STUDENTS IN ALL INDIA ENGINEERING ENTRANCE EXAMINATION (AIEEE)

2011

**PROJECTS /
INTERNSHIPS**

BACHELOR THESIS PROJECT, NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, NEW DELHI

FEBRUARY 2015 – JUNE 2015

Worked on the project entitled “Therapeutic Potential of Some Selected Plant Species” under the supervision of Mr. Akhilesh Dubey and Dr. Ashok K. Dubey.

SUMMER TRAINING, NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, NEW DELHI

JULY 2014

Learnt the basic techniques of extraction of phytochemicals and their analysis using thin layer chromatography, under the supervision of Dr. Ashok K. Dubey.

SUMMER PROJECT, NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, NEW DELHI

JUNE 2013 – JULY 2013

Learnt the techniques required for isolation and screening of bio-surfactant producing microorganisms under the supervision of Dr. Ashok K. Dubey.

SKILLS

- Basics of R, C++ and SQL
- Flow cytometry
- Mammalian cell culture
- Molecular cloning and genetic manipulation of bacteria

**POSITION OF
RESPONSIBILITY /
EXTRA CURRICULAR
ACTIVITIES**

- Volunteer, GENMEDSKIN 2016, International Conference on the theme “Genomic Medicine in Skin Research” organized by Systems Biology Group, CSIR-Institute of Genomics and Integrative Biology
- Volunteer, Largest Practical Science Lesson, India International Science Festival, 2015
- Coordinator, Biovision, technical festival of department of Biotechnology, during Innovision’13, all India Inter – College technical festival of N.S.I.T
- 2nd runner up, Natyamanch (Stage Play competition), Resonanz’12, Annual cultural festival of N.S.I.T.

PERSONAL DETAILS

Gender : Male
Nationality : Indian
Address : Lab 218, CSIR-IGIB South Campus, Delhi-110025
D.O.B : August 7th, 1993
