

Dutt and Shilpee lab

Newsletter

July-2020



Equally loaded, ready to rock!

Credits: Tejashree Mahaddalkar

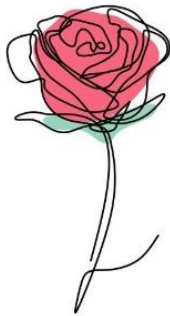
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LETTER

Raman Spectroscopy Based Detection of Lentivirus in Saliva: a preliminary report

Sanket Desai^{1,5#}, Saket Vatsa Mishra^{2,5#}, Asim Joshi^{1,5#}, Debashmita Sarkar^{2,5}, Arti Hole³, Rohit Mishra^{1,5}, Shilpee Dutt^{2,5}, Murali Krishna Chilakapati^{3,5}, Sudeep Gupta^{4,5}, Amit Dutt^{1,5,*}



Neuro-Oncology

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ACCEPTED MANUSCRIPT

Inhibition of SETMAR-H3K36me2-NHEJ repair axis in residual disease cells prevent glioblastoma recurrence

Ekjot Kaur, Jyothi Nair, Atanu Ghorai, Saket V Mishra, Anagha Achareker, Madhura Ketkar, Debashmita Sarkar, Sameer Salunkhe, Jacinth Rajendra, Nilesh Gardi ... Show more

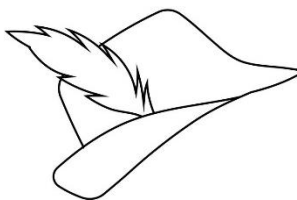
Neuro-Oncology, noaa128, <https://doi.org/10.1093/neuonc/noaa128>

Published: 27 May 2020 Article history ▾

CANCER LETTERS

Sustained inhibition of PARP-1 activity delays glioblastoma recurrence by enhancing radiation-induced senescence

Atanu Ghorai¹, Tejashree Mahaddalkar^{1,3}, Rahul Thorat², Shilpee Dutt^{1,3,*}



AJR Preprints

Section: Coronavirus

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NOT PEER-REVIEWED

COVID-19: A Compendium of SARS-CoV-2 Invasion and Host Defense

Madhura Ketkar^{1,2,^}, Debashmita Sarkar^{1,2,^}, Shilpee Dutt^{1,2,*}

¹ Shilpee Dutt Laboratory, Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Tata Memorial Centre, Kharghar, Navi Mumbai 410210, India

² Homi Bhabha National Institute, Training School Complex, Anushakti Nagar, Mumbai 400085, India



BIRTHDAYS THIS MONTH



Creative corner



"A sky without clouds is a meadow without flowers." -Henry David Thoreau



Credits: Roma Sundar

In conversation with...

General Facts

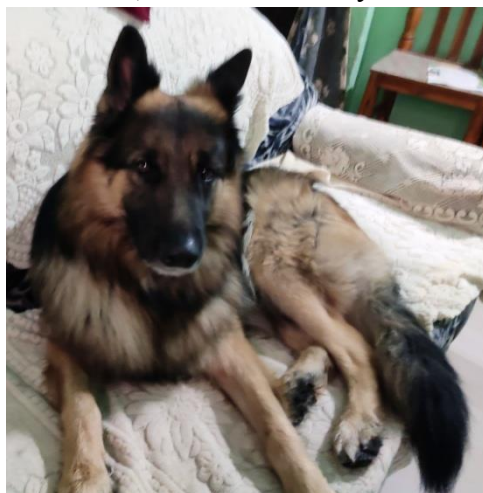
1. By birth, my name is : Ashwin Butle
2. Pals call me : Ashu, Ashwin, Hanu
3. I was born on : July 20, 1986
4. My childhood was spent at : Mul (Near Gadchiroli), Maharashtra



Personal Life

1. Can you describe any one ever-lasting memory about your childhood?

In my childhood I loved to have companion with my pets. When I was in 4th standard, I brought a stray puppy home and lied to my parents saying I bought a Doberman breed dog. However, my dad got angry and asked me to send the puppy back to the streets. I did obey my dad but I couldn't resist myself and cried my heart out. I guess my dad felt guilty and after 2-3 days he gifted me a few weeks old German Shepherd. This was my one of the happiest moments of my childhood. Till now, this would be my fourth dog back home.



Leo (DOB: 26 January 2018)

2. How was your college life? And, what did you enjoy the most?

My college life was in various places and discipline as I did 12th in general science at my home town, BSc in Microbiology at Chandrapur, MSc in Biochemistry with Toxicology specialization, PhD in Immunological aspects with plant protein at Nagpur. The special trainings are like Transgenic Animal technology in Hyderabad etc. The most enjoying time is when I was at university hostel for MSc & PhD at Nagpur, hostel life taught me several little good and bad lessons for life with a big smile on my face. I think every student must experience a hostel life.

3. *As a child/teenager, what did you aspire to become in life? Any reasons associated with it?*

My childhood time was very much spent in playing which was pretty evident in my 10th marksheet. My father had aspiration for me to pursue higher education as he was the only person who had master degree among my community and home town at that time.

4. *Would you like to state a person or an event that has inspired/influenced your life?*

There were several people at every stage of my life who guided me to move ahead, especially my teachers. Apart from my father, my PhD guide Dr. Patil (Former Head, Department of Biochemistry, Nagpur), Dr. Agarkar (Harvard School of Medicine, GM GeNext Genomics), Dr. Maity (John Hopkins Cancer Center) inspired me most. Dr. Patil taught me research is not only to develop skills but also how to develop the thinking. Dr. Agarkar inspired me when he was helping me to analyze MALDI/TOF-MS of proteins in my PhD and said ‘Ashwin, you must have to make something of your own name as you have got a chance to be on earth for some time’.

5. *Do you have any hobbies or passion apart from research?*

This question really put me in thinking about my hobbies now, prior to inflowing in research my hobbies were painting, watching movies and body building.

6. *Would you like to share any ever-lasting memory associated with the lab?*

Our trip to Bhandardhara was most memorable one. Initially, I was bored while travelling from ACTREC. However, I got comfortable and some time I really enjoyed the singing and dancing with all and the most interesting part was stargazing.

Science and Philosophy

1. *In your opinion, what is research?*

In my view, research is the connection of imaginary world to physical world starts with a simple question and runs in cyclic process. Firstly, Question arise in mind due to curiosity, for that question we build a Hypothesis, to prove this hypothesis we move to experiment and we get some observations, from these observations we reach up to conclusion but with that conclusion, our curious mind develop a new question.

Also, I would like to say research is not only to develop skills but also how to develop the thinking.

2. *What are your views about research in company and academic institutions, since you had the opportunity to work both ways?*

In my opinion with very little experience in both, I would like to say, research is research wherever it runs, but mostly in company research is productive, developed product benefits to society and to company as well. About research in company there is no may be or might be, partial activity, little activity etc. because it is product based and now most of the companies putting their efforts in development instead of research. While in academics research they are trying to answer very important WH questions (why, what, how) and less in product development. Research going on in company and academic both are very important for societal and natures benefit.

3. *Why did you choose to join the Dr. Amit Dutt laboratory for pursuing your post-doctoral research?*

With the earlier question about my college life with several disciplines I thought now the time comes for genomics. Moreover, I had a memorable first interaction with Amit Sir and he showed me a strong support to move ahead in cancer biology at the time of my rotation in ACTREC before joining. However, up to 2-3 months I was still in dilemma, but after 'One to One meeting' I felt stress-free and happy to be in Dutt Lab, I find Sir is very good and committed mentor for ongoing and former students and he knows what is the strength of each student and how to develop facets of student.

4. *What has kept you motivated to pursue research?*

Obviously, it is curiosity and sometime responsibility as I am now entered in research field.

5. *Can you describe in brief your experiences of your tenure? And, what are your future plans?*

To share an experience my tenure is very short still I would like to say about my colleagues first. All are very nice and helpful especially Asim, Supriya, Suhail, Sanket, Bhaskar, Rohit, Ankita, Roma and every other member of the laboratory, I am now enjoying my work with all. In future, I will be in biological research but don't have such a plan to follow or work on. Whenever I see a new opportunity after this PostDoc, I will move ahead.