

To,

The Director,

Dr. Babasaheb Ambedkar Research & Training Institute
28 Queens Garden, Near Old Circuit House, Pune-410011

Dear Sir,

Words are always shown poor approximation to what someone conveyed. My name is Mr. Namdev Shivaji Togle and I'm the recipient of the Babasaheb Ambedkar National Research Fellowship (BANRF) for Ph.D. of 2015 batch. My native place is Jalkot in Latur district, MS, India. Where I born and brought up in socially and economically backward family. As a high school student in a small village, I always dreamed of becoming a research scientist. My parents did lot of struggle and untold sacrifices not only to educate but also to make me a responsible person. But after the sad demise of my father, I have accomplished/pursued my higher studies with help of my aunt and uncle and own efforts. It was very difficult to go for Ph.D. without any financial support and when it was needed, I was honored to receive said scholarship. I am grateful for this granted opportunity as it provided me thought-out strong financial backbone for my doctoral study.

During the last month, I have submitted my Ph.D. thesis entitled "Assessment of immunomodulatory effect and therapeutic potential of filarial proteins against experimental colitis" to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for an award. During this study I've got a chance to work directly with the renowned faculties and research professionals in the field of Biochemistry, some of them are late. Dr. Nirmalendu Nath, late. Dr. MVR. Reddy, Dr. Mandakini Patil, Dr. Kalyan Goswami, Dr. Shaymasundar Bandopadhyay and so on. I have published and presented my doctoral work at a national and international platform. I have also been awarded with 'Best oral paper award, at national conference held at JIPMER, Pondicherry.

Without a doubt, this scholarship has played a key role in achieving my educational dreams. Because of BARTI's liberality, the financial burden placed on me to pursue my education was reduced. Only because of this I have spent more time on my studies, research and extracurricular activities and less time worrying about my finances. Also, valuable support from the Research Department – 1 staff of BARTI throughout this period makes me obliged.

Now I'm trying to persue post-doctoral study from a foreign institute.

Thank you for your support and making the futures of students like me.

Sincerely,

Namdev Shivaji Togle

Mr. Namdev Shivaji Togle

Ph.D. Fellow (Biochemistry)

Department of Biochemistry & IBTDRC

Mahatma Gandhi Institute of Medical Sciences, Sewagram Wardha-442102

BANRF Fellow- 2015 Batch

Achievements as a BANRF Fellow

I Mr. **Namdev Shivaji Togle**, a Ph.D. student at Dept. of Biochemistry & JBTDRRC, MGIMS, Sewagram, recipient of the Babasaheb Ambedkar National Research Fellowship (BANRF) for Ph.D. of 2015 batch. My Ph.D. thesis topic is entitled “Assessment of immunomodulatory effect and therapeutic potential of filarial proteins against experimental colitis” under the supervision of Dr. Mandakini B. Patil.

I believe that “Achievements are something which you build a platform and for me, that platform is BARTI, Pune, who offered me BANRF Fellowship”. I am thankful to BARTI for not only granting me an opportunity to work for a Ph.D. but also they timely guided me and strengthen me to focus on all that I ever wanted to achieve.

Given below are my achievements:

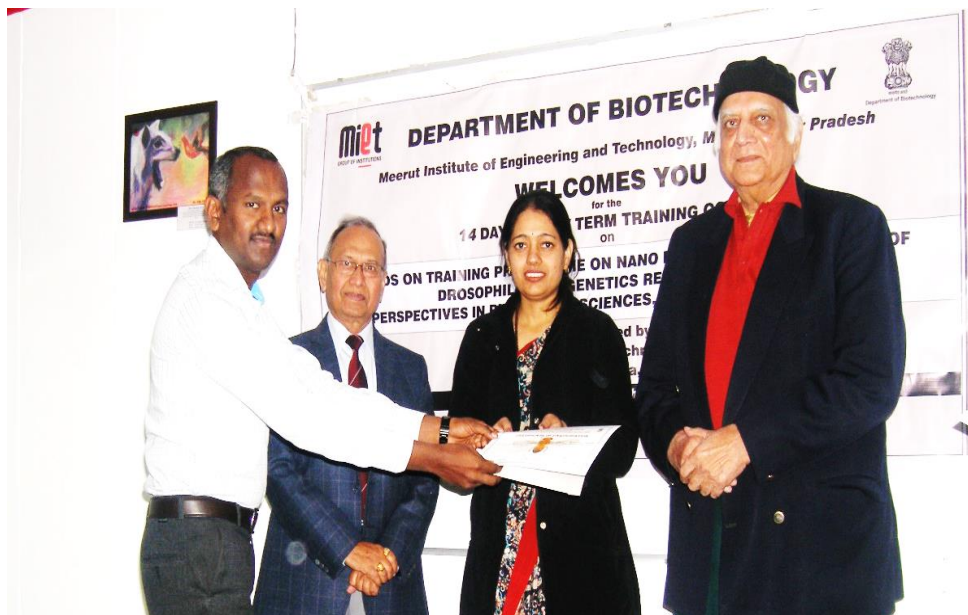
Research Presentation Award:

- 1) Received **Best Oral Paper** for the paper entitled "**Immunomodulation by filarial proteins rWbL2 and rBmALT-2 to help in Treatment of ulcerative colitis**" at 10th TROPACON-2016 held at Jawaharlal Institute of Postgraduate Medical Education & Research, Pondicherry during November 2 – 6, 2016.





- 1) Certificate of appreciation for presenting work the entitled **“Evaluation of immunomodulatory effect and therapeutic potential of filarial proteins in experimental colitis”** at the workshop held at Department of Biotechnology, Meerut Institute of Engineering and Technology, Meerut during 4th December to 17th December, 2017.



- 2) Received Certificate of Appreciation for the active participation as organizing committee member in the National Symposium on **“Healthy Yoga lifestyle-for Prevention of Lifestyle Diseases”** organized by JB Tropical Disease Research Centre & BIC, Sevagram in September 2015.

Appreciation for Lab Coordinator:

- Trained (as a lab co-coordinator) the participants enrolled in the National workshop on **“Immunological & molecular techniques applied for infectious disease research”** funded by Dept. of Biotechnology, Govt. of India and conducted by Dept. of Biochemistry, JBTDRC, Mahatma Gandhi Institute of Medical Sciences, Sewagram, India during Feb 2015, Jan 2016 & 13-18 February 2017.



Training & Workshops, Conference attended:

- 1) Attended 14 days DBT sponsored STTC on “**Hands-on training programme on nano-biotechnology and use of Drosophila as a genetics research model: perspective in biological sciences, health and nanoscience**” held at the Department of Biotechnology, Meerut Institute of Engineering and Technology, Meerut during 4th December to 17th December, 2017.



- 2) Attended tenth “**National Congress of Indian Academy of Tropical Parasitology**” held at JIPMER during 02nd – 06th November 2016 held at JIPMER, Pondicherry, during 2-6 November 2016



Publications:

- 1) **Togre NS**, Bhoj PS, Khatri VK, Tarnekar A, Goswami K, Shende MR, Reddy MV. SXP–RAL Family Filarial Protein, rWbL2, Prevents Development of DSS-Induced Acute Ulcerative Colitis. *Indian Journal of Clinical Biochemistry*. 2017:1-8.
- 2) **Togre N**, Bhoj P, Goswami K, Tarnekar A, Patil M, Shende M. Human filarial proteins attenuate chronic colitis in an experimental mouse model. *Parasite immunology*. 2017 Dec 21. (DOI:10.1111/pim.12511) (*IF. 2.45*)
- 3) **Togre N**, Bhoj P, Amdare N, Goswami K, Tarnekar A, Shende M. Immunomodulatory potential of recombinant filarial protein, rWbL2, and its therapeutic implication in experimental ulcerative colitis in mouse. *Immunopharmacology and Immunotoxicology*. 2018 Feb 8:1-8. (*IF. 1.45*)
- 4) Hande S, Goswami K, **Togre N**, Mandvikar A, Reddy MVR. Antifilarial actions of green tea extract and a synthetic heterocyclic thiazolidine derivative, Im8 compound in experimental mouse model. *Indian Journal of Experimental Biology* 54, November 2016, pp. 753-757 (*IF. 1.1*)
- 5) Bhoj P, **Togre N**, Bahekar S, Goswami K, Chandak H, Patil M. Immunomodulatory activity of sulfonamide chalcone compounds in mice infected with filarial parasite, *Brugia malayi*. *Indian Journal of Clinical Biochemistry*. <http://scihub.tw/10.1007/s12291-017-0727-5>
- 6) Chowdhary S, Bhoj P, Bahekar S, **Togre N**, Goswami K, Chandak H. Targeting folate metabolism in *Brugia malayi* parasitic model using synthetic Chalcone derivatives as probe. *Journal of Mahatma Gandhi Institute of Medical Sciences*. 2017 Jul 1;22(2):128-

Abstracts Published:

- 1) **Namdev Togre**, Priyanka Bhoj, Vishal Khatri, Aditya Tarnekar, MVR Reddy, Kaylan Goswami. Therapeutic Potential of Recombinant *Wuchereria bancrofti* L2 (rWbL2) in the Treatment of DSS-induced Chronic Ulcerative Colitis. Abstract supplement, Federation of Clinical Immunology Society, June 14-17, 2017, Chicago, Illinois
- 2) Chowdhary S, Bhoj P, Bahekar S, **Togre N**, Goswami K, Chandak H. Targeting folate metabolism in *Brugia malayi* parasitic model using synthetic Chalcone derivatives as probe. *Journal of Mahatma Gandhi Institute of Medical Sciences*. 2017 Jul 1;22(2):128.

Fellowship Awarded:

- 1) I have been nominated by Govt. of India for the long-term '**Israel Government Scholarships-2018-19 for Research**' along with thirteen students among 186 candidates throughout India.

Submitted Ph.D. Thesis:

Recently on the 20th of February 2018, I have submitted my Ph.D. thesis having a title “**Assessment of immunomodulatory effect and therapeutic potential of filarial proteins against experimental colitis**” to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for the Ph.D. degree award.

