

## Dr.BENJAMIN TAMILSELVAN N

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Department of Biotechnology,  
Bishop Heber College,  
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### Qualification

Degree	Branch	Institution / University	Year of Passing
PDF	Cancer Biology	Fondazione Irccs Istituto Nazionale Dei Tumori Di Milano, Italy	2013
Ph.D		University Of Milan	2010
M.Sc	Life Sciences	Bharathidasan University	2004

### Ph.D. Details

<b>Title of Thesis</b>		<b>Area of Specialization</b>	
The Mec1/ATR induced checkpoint regulates the Rdh54 DNA translocase in response to chromosome breaks		Genetics & Biomolecular Sciences	
<b>Research Supervisor</b>	<b>Research Centre</b>	<b>Year of Award</b>	
Dr. Achille Pellicoli	Universita degli Studi di Milano, Italy	April, 2010	
<b>Obtained Post Doctoral Fellowship :</b>		<b>Agency</b>	
Yes			
<b>Host Institution :</b>	National Tumor Institute, Milan, Italy	Italian Association For Cancer Research	

### Additional Qualification

Name of Course	Place of Study	Date	Duration
Lets Break the Chain of COVID19 Infection	Online, The Mohammed Bin Rashid University of Medicine and Health Sciences	April, 2020	1 day
Lets Gear Up to Volunteer and Defy COVID19	Online, The Mohammed Bin Rashid University of Medicine and Health Sciences	May, 2020	1 day

## Work Experience

Name of Institution	Address of Institution	Designation	From	To
Fondazione IRCCS Istituto Nazionale dei Tumori	42, Via Amadeo, Milano - 20133	Post Doctoral Researcher	04-04-2011	31-07-2013
Istituto di Genetic Molecolare (IGM) - Consiglio Nazionale delle Ricerche	207, Via Abbiategrasso, Pavia - 27100 Italy	MbMM Research Fellow	02-12-2013	31-10-2015
Istituto Clinico Humanitas	Department of Gastroenterology, Istituto Clinico Humanitas, 56, Via Manzoni, Rozzano, Italy.	Post Doctoral Trainee	02/09/2010	31/03/2011

## Teaching / Research Experience

**U.G. :** 5 Year      **P.G. :** 5 Year & 1 rr      **M.Phil.**      **Ph.D.**

## Research Guidance

**U.G. :** 5 Years      **P.G. :** 5 Year & 1 mo      **M.Phil. :**      **Ph.D. :**



## Table of Contents

1.	<b>Conferences / workshops / Seminars Attended</b>	<b>24</b>
2.	<b>Research Papers Presented</b>	<b>0</b>
3.	<b>Publication in Journals</b>	<b>4</b>
4.	<b>Publication in Books</b>	<b>0</b>
5.	<b>Books Published / Edited</b>	<b>3</b>
6.	<b>Conferences / Workshops / Seminars Organised</b>	<b>5</b>
7.	<b>Research Projects</b>	<b>0</b>
8.	<b>Resource Person</b>	<b>1</b>
9.	<b>Consultancy</b>	<b>0</b>
10.	<b>Awards Recieved</b>	<b>2</b>
11.	<b>Patent</b>	<b>0</b>
12.	<b>Extension Activities Undertaken</b>	<b>0</b>
13.	<b>Professional Membership</b>	<b>0</b>
14.	<b>M.Phil. / Ph.D. Produced</b>	<b>0 / 0</b>

1. National level Workshop on **"E-Resources: A Boon for the Teaching and Research"** sponsored by Department of Library and Information Sciences, Bishop Heber College organized by Department of Library and Information Sciences, Bishop Heber College at Tiruchirappalli during 26/03/2021 to 27/03/2021.
2. International level Conference on **"Webinar on Current Scenario in Therapeutics - Prospects & Challenges"** sponsored by Department of Life Sciences, Srimad Andavan Arts and Science College organized by Department of Life Sciences, Srimad Andavan Arts and Science College at Tiruchirappalli during 18/03/2021 to 19/03/2021.
3. College level Seminar on **"Online Content Creation Tools"** sponsored by PG Department of Computer Science, Bishop Heber College organized by PG Department of Computer Science, Bishop Heber College at Tiruchirappalli during 11/06/2020 to 11/06/2020.
4. College level Seminar on **"Time for Nature"** sponsored by Department of Environmental Sciences, Bishop Heber College organized by Department of Environmental Sciences, Bishop Heber College at Tiruchirappalli during 05/06/2020 to 05/06/2020.
5. National level Orientation on **"Faculty in Universities/Colleges/Institutes of Higher Education"** sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers And Teaching organized by Teaching Learning Centre, Ramanujan College University of Delhi at Online during 04/06/2020 to 01/07/2020.
6. International level Conference on **"Biomaterials on Healthcare Application"** sponsored by Department of Biotechnology, Karunya Deemed University organized by Department of Biotechnology, Karunya Deemed University at Online during 28/05/2020 to 30/05/2020.
7. International level Conference on **"International Webinar Conference on Biomaterials on Healthcare Application"** sponsored by Department of Biotechnology, Karunya Institute of Technology and Sciences organized by Department of Biotechnology, Karunya Institute of Technology and Sciences at Online during 28/05/2020 to 30/05/2020.
8. National level Seminar on **"Avenues in Ocean Research"** sponsored by BDU RUSA organized by Department of Marine Science, Bharathidasan University at Tiruchirappalli during 27/05/2020 to 29/05/2020.
9. National level Conference on **"Avenues in Ocean Research"** sponsored by BDU RUSA Research, Innovation & Career Hub Foundation organized by BECH-RUSA 2.0 & Department of Marine Sciences, Bharathidasan University at Online during 27/05/2020 to 29/05/2020.
10. College level Seminar on **"3D Cell Culture and Tissue Engineering"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 26/05/2020 to 26/05/2020.
11. International level Seminar on **"Trends in Microbiology"** sponsored by PG & Research Department of Microbiology, JJ College of Arts & Science organized by PG & Research Department of Microbiology, JJ College of Arts & Science at Online during 18/05/2020 to 20/05/2020.
12. International level Conference on **"International Conference on Frontiers in Chronic Diseases"** sponsored by Department of Biotechnology, Government of India organized by Department of Zoology, Bishop Heber College at Tiruchirappalli during 19/02/2020 to 19/02/2020.
13. International level Conference on **"Frontiers in Chronic Diseases"** sponsored by Department of Biotechnology, Government of India organized by Department of Zoology, Bishop Heber College at Tiruchirappalli during 19/02/2020 to 19/02/2020.
14. National level Workshop on **"Workshop on DNA Fingerprinting"** sponsored by - organized by Department of Zoology, Bishop Heber College at Tiruchirappalli during 24/07/2019 to 25/07/2019.
15. National level Conference on **"Unravelling Biometabolites with Bioactivity"** sponsored by Department of Biotechnology, Government of India organized by Department of Biotechnology, Bishop Heber College at Tiruchirappalli during 25/02/2019 to 25/02/2019.

16. National level Conference on **"National Conference on Unravelling Biometabolites with Bioactivity"** sponsored by Department of Biotechnology, Government of India organized by Department of Biotechnology and Bioinformatics at Bishop Heber College during 25/02/2019 to 25/02/2019.
17. -1 level Seminar on **"RNA-Chromatin round trip: the emerging connections between DNA and RNA metabolism"** sponsored by CNR and EPIGEN, Milan, Italy organized by EPIGEN-MiChroNetwork Chromatin Seminar at Pavia, Italy during 03/06/2014 to 03/06/2014.
18. National level Workshop on **"4th Italian workshop on the Mechanism controlling genome integrity"** sponsored by Department of Biosciences, University of Milan organized by Department of Biosciences, University of Milan at Manerba del Garda, Verona, Italy during 01/07/2009 to 03/07/2009.
19. International level Workshop on **"3rd EU - IP DNA Repair Workshop for Young Scientists"** sponsored by organized by at Taormina, Sicily, Italy during 19/02/2009 to 21/02/2009.
20. International level Conference on **"63rd Annual Meeting of Korean Society for Biochemistry and Molecular Biology"** sponsored by organized by at Seoul, South Korea during 25/05/2006 to 26/05/2006.
21. International level Conference on **"Mini-Workshop on Real Time PCR Principles and Applications"** sponsored by Korean Institute of Science and Technology organized by Korean Institute of Science and Technology at Seoul, South Korea during 01/11/2005 to 01/11/2005.
22. International level Conference on **"Annual Meeting and International Conference on Toxicogenomics"** sponsored by organized by at Seoul, South Korea during 30/10/2005 to 01/11/2005.
23. International level Conference on **"Winter Symposium on Cellular and Molecular Medicine"** sponsored by organized by at Vellore, Tamilnadu during 30/01/2003 to 31/01/2003.
24. National level Conference on **"National Symposium on Changing Horizons in Genetic Human Welfare,"** sponsored by organized by at Hyderabad, Andhra Pradesh during 30/12/2001 to 31/12/2001.

#### Publication in Journals

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1. **"Chk2 and REG?-dependent DBC1 regulation in DNA damage induced apoptosis"** published in Nucleic Acids Research (PEER REVIEW) Vol. 42, Issue No. 21, December 2014 ISSN : 0305-1048.  
Impact factor , Scopus Index , h - index , Citation index 21
2. **"Tid1/Rdh54 translocase is phosphorylated through a Mec1-and Rad53-dependent manner in the presence of DSB lesions in budding yeast"** published in DNA Repair (PEER REVIEW) Vol. 12, Issue No. 5, May 2013 ISSN : 1568-7864.  
Impact factor , Scopus Index , h - index , Citation index 8
3. **"Elevated levels of the Polo Kinase Cdc5 override the Mec1/ATR checkpoint in budding yeast by acting at different steps of the signaling pathway"** published in PLoS Genetics (PEER REVIEW) Vol. 6, Issue No. 1, January 2010 ISSN : 1553-7390.  
Impact factor , Scopus Index , h - index , Citation index 46
4. **"Saccharomyces CDK1 Phosphorylates RAD53 Kinase in Metaphase Influencing Cellular Morphogenesis"** published in Journal of Biological Chemistry (PEER REVIEW) Vol. 284, Issue No. 47, November 2009 ISSN : 0021-9258.  
Impact factor , Scopus Index , h - index 1, Citation index 15



- \* . **Proceedings National Virtual Conference on Unraveling Applications of Alternative to Animal Models in Biological Research.** Tiruchirappalli : PG & Research Department of Zoology , August 2022.
- \* Dr. Priscilla Suresh . **Proceedings International Conference on Frontiers in Chronic Diseases.** Tiruchirappalli : CSI Good News ITC , February 2020.
- \* Violet Dhayabaran . **Proceedings National Conference on Unravelling Biometabolites with Bioactivity.** Tiruchirappalli : Department of Biotechnology and Bioinformatics, Bishop Heber College , February 2019.

## Conferences / Workshops / Seminars Organised

- 5

1. National level Conference Entitled **"National Virtual Conference on Unraveling Applications of Alternative to Animal Models in Biological Research"** at Tiruchirappalli, sponsored by Department of Biotechnology, Ministry of Science and Technology, Government of India, during 26/08/2022 to 26/08/2022.
2. College level Seminar Entitled **"PATENTING IN LIFE SCIENCES"** at Tiruchirappalli, sponsored by , during 01/04/2022 to 01/04/2022.
3. International level Workshop Entitled **"Tools and Techniques used in Omics Research"** at Online, sponsored by Institute of Cardiometabolism & Nutrition, Paris, France, during 10/02/2021 to 17/02/2021.
4. International level Conference Entitled **"Frontiers in Chronic Diseases"** at Tiruchirappalli, sponsored by Department of Biotechnology, Ministry of Science and Technology, Government of India, during 19/02/2020 to 19/02/2020.
5. National level Conference Entitled **"National Conference on Unravelling Biometabolites with Bioactivity"** at Tiruchirappalli, sponsored by Department of Biotechnology, Ministry of Science and Technology, Government of India, during 25/02/2019 to 25/02/2019.

## Awards Recieved

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Award Name	Presented by	Year	Level	Instituted by / Place	amount
Post Doctoral Fellowship	AIRC (Associazione italiana per la Ricerca sul Cancro)	01/04/2011	INTERNATIONAL	Fondazione IRCCS Istituto Nazionale dei Tumori di Milano	
Non-European Citizen Ph.D Fellowship	Italian Ministry of University and Research	01/11/2006	INTERNATIONAL	University of Milan	

## TRAINING PROGRAMME

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- # NATIONAL level REFRESHER on **"Zoology"** Sponsored by MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING, Organized by Teaching Learning Centre, Ramanujan College University of Delhi at during 16/09/2023 - 30/09/2023.
- # NATIONAL level Faculty Development Program on **"Future of Examinations Blooms Taxonomy and Multiple Assessment Tools"** Sponsored by , Organized by G T N Arts College at DIndigul during 08/06/2020 - 08/06/2020.
- # NATIONAL level ORIENTATION on **"Faculty in Universities/Colleges/Institutes of Higher Education"** Sponsored by Ministry of Human Resource Development, Organized by Teaching Learning Center, Ramanujan College, University of Delhi at New Delhi during 04/06/2020 - 01/07/2020.
- # NATIONAL level ORIENTATION on **"Faculty in Universities/Colleges/Institutes of Higher Education"** Sponsored by Ministry of Human Resource Development, Organized by Teaching Learning Center, Ramanujan College, University of Delhi at New Delhi during 04/06/2020 - 30/06/2020.
- # NATIONAL level Faculty Development Program on **"Online Teaching & E-content"** Sponsored by , Organized by Indian Institute of Digital Education at Online during 03/06/2020 - 04/06/2020.

## RESOURCE PERSON

- 1

1. International level Conference on **"Chairperson Online Oral Presentation"** at Tiruchirappalli, 13/05/2022.



**Signature of Staff**  
**(BENJAMIN TAMILSELVAN N)**