

# Publication List

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## 9.1 Publications from Ph.D. Thesis work:

### 9.1.1 Research Articles:

- ❖ **S. Purani**, J. Vaishnav, A. Mungra, P. Makwana, D. Bhatt, B. Shekhawat, N. Patel, M. Raval, P. Robin *Bauhinia variegata* L. a potential source of multiple phytocomponents with anti-tumorigenic activity against breast cancer cell lines: A HRLC-MS Analysis. (manuscript under preparation)
- ❖ **S. Purani**, J. Nimavat, S. Dave, J. Panesar Evaluating the anti-cancer properties of *Bauhinia variegata* L. leaves against breast cancer cell lines MCF-7 and MDA-MB-231. (manuscript under preparation)

### 9.1.2 Abstracts Published in Journal:

- ❖ **S. Purani**, S. Dave, P. Robin. “Elucidating Therapeutic potential of *Bauhinia variegata* L. using breast cancer cell line.” **European Journal of Cancer** 92, Suppl. 3 (2018) S17–S160

## 9.2 Poster Presentation in National and International Conference Attended during Ph.D tenure:

- ❖ **S. Purani**, S. Dave, P. Robin.  
“Elucidating Therapeutic potential of *Bauhinia variegata* L. using breast cancer cell line.”  
Poster Presentation at 11th European Breast Cancer Conference (EBCC) held during 21st - 23rd March 2018 at Centre de Convencions Internacional de Barcelona in Barcelona, Spain.

- ❖ **S. Purani**, T. Khanna, A. Joshi and P. Robin.

“Evaluating *Bauhinia variegata* L. extracts for its anti-cancer properties”

Poster Presentation at National Symposium on Current Research In Cancer Biology & Therapy from 7-8 October 2016 at School of Biological Science & Biotechnology, University & Institute of Advanced Research, Koba Institutional Area, Gandhinagar, Gujarat, India.

- ❖ **S. Purani**, J. Sabhaya, A. Sonawane and P. Robin

“Isolation and partial characterization of phytocomponents from *Bauhinia variegata* leaf and its effect on MCF-7 cell line

Poster Presentation at 6th International Translational Cancer Research Conference –“Prevention and Treatment of Cancer: Hypes and Hopes” held during February 04-07, 2016 at Hyatt Regency, Ahmedabad, Gujarat, India.

### **9.3 Conferences/Workshops Attended during Ph.D tenure:**

- ❖ One week Faculty Development Program jointly organized by Dr. Vikram Sarabhai Institute of Cell and Molecular Biology (VSCIMB), The Maharaja Sayajirao University of Baroda (MSU) and Department of Biotechnology, National Institute of Technology (NIT), Warangal from 17th-22nd May, **2021**.
- ❖ One Week National Workshop on “LaTeX (Intermediate Level)” Organized online by Applied Science and Humanities Department, Sardar Vallabhbhai Patel Institute of Technology, Vasad held from 24th August to 29th August, **2020**
- ❖ One Week National Level Workshop on “LaTex” Organized online by Applied Science and Humanities Department, Sardar Vallabhbhai Patel Institute of Technology, Vasad held from 27th July to 1st August, **2020**
- ❖ Workshop on "Flow cytometry in Research and Health Care" held at Nirma University from 3-5th March, **2020**
- ❖ Workshop on Empowering Women for Entrepreneurship by ENPRENDIA Project Organised by Office of International Affairs (OIA) Jointly with Management Development Centre (MDC) and Women's Studies Research Centre (WSRC), The Maharaja Sayajirao University of Baroda on 7th December, **2019**.

- ❖ Awareness programme on “Sexual Harassment of Women at Workplace” on 9th October **2019** by Faculty of Law with Department of Women and Child Development, Government of Gujarat and Office of the District Women & Child Officer, Vadodara
- ❖ Workshop on “Computer aided drug discovery and Microbiome analysis” Organized on 31<sup>st</sup> March, **2019** at Department of Biosciences, Veer Narmad South Gujarat University, Surat, Gujarat.
- ❖ National seminar on “Translational Research in Cancer” on 1<sup>st</sup> -2<sup>nd</sup> February, 2019 at Ramanbhai Patel college of pharmacy, Charotar University of Science and Technology, Changa, Gujarat.
- ❖ International Symposium on “Vaccine Development and Infectious Diseases” on 7<sup>th</sup> January **2019** at Department of Microbiology and Biotechnology Centre, The M. S. University of Baroda, Vadodara, Gujarat.
- ❖ 11th European Breast Cancer Conference (EBCC) held during 21<sup>st</sup> -23<sup>rd</sup> March 2018 at Centre de Convencions Internacional de Barcelona in Barcelona, Spain.
- ❖ One Day International Seminar on “Advances in Cancer and Cell Biology” on 6<sup>th</sup> January 2018 at Department of Microbiology and Biotechnology Centre, The M. S. University of Baroda, Vadodara, Gujarat.
- ❖ Five-day workshop on Frontiers of NMR spectroscopy and MRI from 25<sup>th</sup> to 29<sup>th</sup> September 2017 at Shree M. & N. Virani Science college, Rajkot, Gujarat.
- ❖ National Symposium on “Omics.. to Structural Basis of Diseases” from September 30-October, 2016 at Department of Biochemistry, Faculty of Science, The M. S. University of Baroda, Sayajigunj, Vadodara, Gujarat.
- ❖ National Symposium on “Current Research In cancer Biology & Therapy” from 7-8 October 2016 at School of Biological Science & Biotechnology, University & Institute of Advanced Research, Koba Institutional Area, Gandhinagar, Gujarat.
- ❖ One day Workshop on “Research Grant Writing” by GSBTM in collaboration with The National Academy of Sciences, India (NASI) on the 30<sup>th</sup> August, 2016 at Ahmedabad Management Association (AMA), Ahmedabad, Gujarat.

- ❖ Attended One day Workshop on “Science Communication Workshop” Organized on 11th March, 2016 at Department of Microbiology and Biotechnology Centre, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat.
- ❖ DST-MSUB-ILSPARE sponsored Four day workshop on “Advanced Techniques in Stem Cell Research” Organized from 31<sup>st</sup> December, 2014 – 3<sup>rd</sup> January, 2015 at Department of Biochemistry, The Maharaja Sayajirao University of Baroda, Gujarat.
- ❖ Attended Three day National Symposium on “Emerging Trends in Biochemical Sciences” Organized on 29<sup>th</sup> -31<sup>st</sup> December, 2014 at Department of Biochemistry, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat.
- ❖ Attended a National conference on “Herbal Drug Research: Opportunities and Challenges” November 5-7, 2014 at B.V.Patel Education Trust & B.V.Patel PERD Centre, Ahmedabad, Gujarat.
- ❖ Attended UGC-DRS Sponsored Two day National Seminar on “MOLECULAR BASIS OF DISEASES” Organized on 1-2 AUGUST, 2014 at Department of Biochemistry, The Maharaja Sayajirao University of Baroda, Vadodara.

#### **9.4 Publications from other associated projects during Ph.D tenure:**

##### **Research Articles:**

- ❖ T. Khanna, A. Dave, **S. Purani**, J. Vedamurthy, D. Jivani and P. Robin. *Bauhinia variegata* Bark Extract: Assessment of its Anti-proliferative and Apoptotic Activities on A549 and H460 Lung Cancer Cell Lines. Journal of Natural Remedies **2022** Vol 22, (2) :175-195.
- ❖ M. Sadhu, S. Kumar, J. Saini, **S. Purani**, T. Khanna. Mononuclear copper (II) and binuclear cobalt (II) complexes with halides and tetradentate nitrogen coordinate ligand: Synthesis, structures and bioactivities. Inorganica Chimica Acta 466 **2017** 219–227

**9.5 Poster Presentation in National and International Conference from other associated projects during Ph.D tenure:**

T. Khanna, A. Sonawane, **S. Purani** and P. Robin

“Isolation and partial characterization of phytocomponents from *Bauhinia variegata* L. Bark extract and its effect on A549 cell line.

Poster Presentation at Cellular organisation in dynamics held during December 2015 at IISER, Thiruvanthapuram, Kerala, India.