Javadi Monisha Ph.D.
ORCID- 0000-0003-3138-3369
Flat No 101| Sreenivasa heights| Moula-Ali| Secunderabad | Telangana | India 500040
monisha.javadi@gmail.com | +91 8472064703

Summary:

- Cell and molecular biologist with Ph.D. + 3 years of research and development experience in academia and biopharmaceutical industry
- Experienced in developing and optimizing innovative assays using broad range of approaches and techniques to elucidate molecular mechanisms involved in oncology and immune disorders -related drug products.
- Experienced in written and oral communication to various audience from academics and students to business leaders through review/editing and 10+ oral presentations
- Demonstrated ability to collaborate and take leadership through team and project management and volunteer activities

Industrial research experience:

2019 – Present : Research Associate (V4), Bioanalytics, Biologics Development Center, Dr. Reddys Laboratories Ltd in Bachupally, Hyderabad, India

Initiated investigations and successfully developed biological characterization assays of biotherapeutics and transfer of assays to quality control.

Trained postgraduate students for their dissertation work and led technicians in cell culture, Bioassays, FACS, and ELISA

2019 – 2020 : Post-Doctoral Fellow, Bioanalytics, Biologics Development Center, Dr. Reddys Laboratories Ltd in Bachupally, Hyderabad, India

Initiated investigations and successfully developed biological characterization assays of biotherapeutics and transfer of assays to quality control

Academic research experience:

2018 – 2019 **:** Research Associate, Department of Applied Biology, Indian Institute of Chemical Technology (IICT), Hyderabad, India

Initiated investigations on studying the therapeutic potential of traditional knowledge of Indian Ayurveda in inflammation and cancer.

Trained postgraduate student their dissertation work

2012 – 2018 : Research Scholar, Department of Biosciences and Bioengineering, Indian Institute of Technology Guwahati, Assam, India

Successfully established the role of Role of Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Oral Squamous Cell Carcinoma.

Trained 6 postgraduate and 3 undergraduate students for their dissertation at Department of

Biosciences and Bioengineering, IIT Guwahati, India.

2010 - 2012 : Research Scholar, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) Patancheru Headquarters, Hyderabad, India.

M.Tech thesis: "Mapping QTLs for host plant resistance effective against newly emergent variants of pearl millet downy mildew [*Sclerospora graminicola* (sacc.) schroet.]".

2007 – 2008 : Research Intern at Institute of Biotechnology, Hyderabad on "Isolation, Cloning Characterization of BamH1 Methylase Gene".

Education:

Indian Institute of Technology Guwahati
Ph.D. Molecular oncology, Department of Biosciences and Bioengineering 2019

Jawaharlal Nehru Technological University
M.Tech, Department of Biotechnology 2012

Bharath University
B.Tech, Department of Industrial Biotechnology 2009

Technical Expertise:

Mammalian Cell Culture and transfection: Sub-culturing and maintenance of normal cells and cancer cells, genetic manipulation of mammalian cells (shRNA, siRNA, CRISPR), assays to monitor cancer hallmarks (proliferation, viability, survival, EMT, invasion, migration, autophagy, cell death, and apoptosis), determination of inhibitory concentration (IC_{50}) of compounds.
Flow Cytometry: Cell cycle analysis (PI), Annexin V-FITC based apoptosis assay, Mitochondrial membrane potential assay (Rhodamine) using BD Calibur and BD FACSLyric™ and analysis using Cell Quest PRO and FCS Express.
Protein/Antigen-based assays: Protein isolation, Western blot analysis, Immunocytochemistry (using Fluorescence Microscopy), Immunohistochemistry, Method Development for ELISA
Molecular Biology: Genomic DNA and mRNA extraction, cDNA synthesis, RT-PCR, qRT-PCR
Bacterial Culture: Maintenance and sub-culturing of bacterial cells, making of competent cells, transformation, plasmid isolation, purification and amplification
Documentation: Drafting SOP/SDP, Method Development Reports, Method Qualification Reports as per ICH guidelines, scientific reports and Publications.

Publications:

1. **Monisha J**, Roy NK, Padmavathi G, Banik K, Bordoloi D, Khwairakpam AD, Arfuso F, Chinnathambi A, Alahmadi T, Alharbi S, Sethi G, Kumar AP, Kunnumakkara AB. NGAL is downregulated in oral squamous cell carcinoma and leads to increased survival, proliferation, migration and chemoresistance. Cancers (Basel). 2018;10(7).
2. Prasad SB, Bhaumik A, **Monisha J**, Gurung AB, Kunnumakkara AB, Bhattacharjee A, Prasad R. Betulinic acid-mediated cell cycle arrest, decrease in mitochondrial membrane potential and succinate dehydrogenase activity in murine ascites dalton's lymphoma. European Journal Of Pharmaceutical And Medical Research, 2018,5(9).
3. Girisa S, Saikia Q, Bordoloi D, Banik K, **Monisha J**, Daimary UD, Verma E, Ahn KS, Kunnumakkara AB. Xanthohumol from Hop: Hope for cancer prevention and treatment. IUBMB Life. 2021 Aug;73(8):1016-1044.
4. Khwairakpam AD, Banik K, Girisa S, Shabnam B, Shakibaei M, Fan L, Arfuso F, **Monisha J**, Wang H, Mao X, Sethi G, Kunnumakkara AB. The vital role of ATP citrate lyase in chronic diseases. J Mol Med (Berl). 2020.
5. Bordoloi D, Banik K, Padmavathi G, Vikkurthi R, Harsha C, Roy NK, Singh AK, **Monisha J**, Wang H, Kumar AP, Kunnumakkara AB. TIPE2 Induced the Proliferation, Survival, and Migration of Lung Cancer Cells Through Modulation of Akt/mTOR/NF-κB Signaling Cascade. Biomolecules. 2019 Dec 6;9(12):836.
6. Bordoloi D, **Monisha J**, Roy NK, Padmavathi G, Banik K, Harsha C, Wang H, Kumar AP, Arfuso F, Kunnumakkara AB. An Investigation on the Therapeutic Potential of Butein, A Tretrahydroxychalcone Against Human Oral Squamous Cell Carcinoma. Asian Pac J Cancer Prev. 2019 Nov 1;20(11):3437-3446.
7. Devi Khwairakpam A, **Monisha J**, Roy NK, Bordoloi D, Padmavathi G, Banik K, Khatoon E, Kunnumakkara AB. Vietnamese coriander inhibits cell proliferation, survival and migration via suppression of Akt/mTOR pathway in oral squamous cell carcinoma. J Basic Clin Physiol Pharmacol. 2019.

8. El-Naggar MH, Abdel Bar FM, Harsha C, **Monisha J**, Shimizu K, Kunnumakkara AB, Badria FA. Synthesis of new selective cytotoxic ricinine analogues against oral squamous cell carcinoma. Nat Prod Res. 2021 Jul;35(13):2145-2156.

9. Roy NK, **Monisha J**, Padmavathi G, Lalhruaitluanga H, Kumar NS, Singh AK, Bordoloi D, Baruah MN, Ahmed GN, Longkumar I, Arfuso F, Kumar AP, Kunnumakkara AB. Isoform-Specific Role of Akt in Oral Squamous Cell Carcinoma. Biomolecules. 2019 Jun 27;9(7):253.

10. Bordoloi D, Banik K, Shabnam B, Padmavathi G, **Monisha J,** Arfuso F, Dharmarajan A, Mao X, Lim LHK, Wang L, Fan L, Hui KM, Kumar AP, Sethi G, Kunnumakkara AB. TIPE Family of Proteins and Its Implications in Different Chronic Diseases. Int J Mol Sci. 2018, 29;19(10).

11. Shabnam B, Padmavathi G, Banik K, Girisa S, **Monisha J,** Sethi G, Fan L, Wang L, Mao X, Kunnumakkara AB. Sorcin a Potential Molecular Target for Cancer Therapy. Transl Oncol. 2018

12. Padmavathi G, Banik K, **Monisha J,** Bordoloi D, Shabnam B, Arfuso F, Sethi G, Fan L, Kunnumakkara AB. Novel tumor necrosis factor-α induced protein eight (TNFAIP8/TIPE) family: Functions and downstream targets involved in cancer progression. Cancer Lett. 2018;432:260-271.

13. Sailo BL, Banik K, Padmavathi G, **Javadi M,** Bordoloi D, Kunnumakkara AB. Tocotrienols: The promising analogues of vitamin E for cancer therapeutics. Pharmacol Res. 2018;130:259-272.

14. Khwairakpam AD, Damayenti YD, Deka A, **Monisha J,** Roy NK, Padmavathi G, Kunnumakkara AB. Acorus calamus: a bio-reserve of medicinal values. J Basic Clin Physiol Pharmacol. 2018; 29(2):107-122.

15. **Monisha J**, Roy NK, Bordoloi D, Kumar A, Golla R, Kotoky J, Padmavathi G, Kunnumakkara AB. Nuclear Factor Kappa B: A Potential Target to Persecute Head and Neck Cancer. Curr Drug Targets. 2017; 18(2):232-253.

16. Kunnumakkara AB, Bordoloi D, Padmavathi G, **Monisha J**, Roy NK, Prasad S, Aggarwal BB. Curcumin, the golden nutraceutical: Multitargeting for multiple chronic diseases. Br J Pharmacol. 2017; 174(11):1325-1348.

17. Kunnumakkara AB, Roy NK, **Monisha J**, Padmavathi G, Das A, Gupta S, Ramakrishnan E, Kotoky J. Rapid Biosynthesis of Gold Nanoparticles Using Aqueous-ethanoic Leaf Extract of Heartleaf Moonseed: Characterization and Effect of pH on its Synthesis. Current Nanomaterials, 2017, 2 (1), 3 – 1

18. **Monisha J**, Padmavathi G, Roy NK, Deka A, Bordoloi D, Anip A, Kunnumakkara AB. NF-κB Blockers Gifted by Mother Nature: Prospectives in Cancer Cell Chemosensitization. Curr Pharm Des. 2016; 22(27):4173-200.

19. Roy NK, Bordoloi D, **Monisha J**, Padmavathi G, Kotoky J, Golla R, Kunnumakkara AB. Specific Targeting of Akt Kinase Isoforms: Taking the Precise Path for Prevention and Treatment of Cancer. Curr Drug Targets. 2017; 18(4):421-435.

20. Choudhury B, Kandimalla R, Bharali R, **Monisha J**, Kunnumakara AB, Kalita K, Kotoky J. Anticancer Activity of Garcinia morella on T-Cell Murine Lymphoma Via Apoptotic Induction. Front Pharmacol. 2016; 7:3.

21. Padmavathi G, Rathnakaram SR, **Monisha J**, Bordoloi D, Roy NK, Kunnumakkara AB. Potential of butein, a tetrahydroxychalcone to obliterate cancer. Phytomedicine. 2015; 22(13):1163-71. doi: 10.1016/j.phymed.2015.08.015.

22. Bordoloi D, Roy NK, **Monisha J**, Padmavathi G, Kunnumakkara AB. Multi-Targeted Agents in Cancer Cell Chemosensitization: What We Learnt from Curcumin Thus Far. Recent Pat Anticancer Drug Discov. 2016; 11(1):67-97.

23. **Monisha J**, Padmavathi G, Bordoloi D, Roy NK, Kunnumakkara AB. Neutrophil Gelatinase-Associated Lipocalin (NGAL): A Promising Biomarker for Cancer Diagnosis and A Potential Target for Cancer Therapeutics. J Cell Sci Molecul Biol. 2014; 1(2): 106.

Book:

Cancer Cell Chemoresistance and Chemosensitization, edited by: Ajaikumar B Kunnumakkara, Devivasha Bordoloi, **Javadi Monisha,** Publisher: World Scientific Publications, ISBN: 978-981-3208-56-8.

Book chapters:

1. **Monisha J**, Jaiswal A, Banik K, Harsha C, Singh AK, Bordoloi D and Kunnumakkara AB. 'Cancer Cell Chemoresistance: A Prime Obstacle in Cancer Therapy', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 15-49.
2. Padmavathi G, Bordoloi D, Banik K, **Monisha J**, Singh AK and Kunnumakkara AB, 'Mechanism of Chemoresistance in Bone Cancer and Different Chemosensitization Approaches', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 81-106.
3. Banik K, Sailo BL, Thakur KK, Jaiswal A, **Monisha J**, Bordoloi D and Kunnumakkara AB, 'Potential of Different Chemosensitizers to Overcome Chemoresistance in Cervical Cancer', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 163-179.
4. Bordoloi D, Banik K, Khwairakpam AD, Sharma A, Sailo BL, **Monisha J**, and Kunnumakkara AB, 'Different Approaches to Overcome Chemoresistance in Esophageal Cancer', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 241-266.
5. Harsha C, Bordoloi D, Prakash J, Manteghi N, Padmavathi G, **Monisha J** and Kunnumakkara AB, 'Different Chemosensitization Approaches in Gastric Cancer, In Cancer Cell Chemoresistance and Chemosensitization'. World Scientific Publications, 2018, pp. 267-319.
6. Thakur KK, Bordoloi D, Prakash J, **Monisha J**, Roy NK and Kunnumakkara AB, 'Different Chemosensitization Approaches for the Effective Management of HNSCC', In Cancer Cell Chemoresistance and Chemosensitization'. World Scientific Publications, 2018, pp. 399-423.
7. Khwairakpam AD, **Monisha J**, Banik K, Harsha C, Sharma A, Bordoloi D and Kunnumakkara AB, 'Chemoresistance in Brain Cancer and Different Chemosensitization Approaches', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 107-127.
8. Singh AK, **Monisha J**, Banik K, Harsha C, Bordoloi D and Kunnumakkara AB, 'Cancer Cell Chemoresistance and Chemosensitization in Endometrial Cancer', In Cancer Cell Chemoresistance and Chemosensitization'. World Scientific Publications, 2018, pp. 227-239.
9. Singh AK, Roy NK, Anand A, Banik K, **Monisha J**, Bordoloi D and Kunnumakkara AB, 'Different Methods to Inhibit Chemosresistance in Hepatocellular carcinoma ', In Cancer Cell Chemoresistance and Chemosensitization'. World Scientific Publications, 2018, pp. 373-398.
10. **Monisha J**, Sharma A, Banik K, Padmavathi G, Bordoloi D and Kunnumakkara AB, 'Sensitization of Chemoresistant Melanoma Cells to Different Chemotherapeutic Agents', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 479-527.
11. Sailo BL, **Monisha J**, Jaiswal A, Prakash J, Roy NK, Thakur KK, Banik K, Bordoloi D and Kunnumakkara AB, 'Molecular Alterations Involved in Pancreatic Cancer Chemoresistance and Chemosensitization Strategies', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 557-581.
12. Padmavathi G, **Monisha J**, Banik K, Thakur KK, Choudhary H, Bordoloi D, and Kunnumakkara AB, 'Different Chemosensitization Approaches to Overcome Chemoresistance in Prostate Cancer', In Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 583-613.
13. Roy NK, Sharma A, Singh AK, Bordoloi D, Sailo BL, **Monisha J**, and Kunnumakkara AB, Bladder Cancer, In Chemoresistance and Chemosensitization. Cancer Cell Chemoresistance and Chemosensitization. World Scientific Publications, 2018, pp. 51-80.
14. Roy NK, Bordoloi D, **Monisha J**, Anip A, Padmavathi G and Kunnumakkara AB, 'Cancer- an overview and molecular alterations in cancer', In Fusion Genes and Cancer, World Scientific Publications. 2017, pp.1-16.
15. Padmavathi G, Roy NK, Bordoloi D, **Monisha J** and Kunnumakkara AB, 'Basic concepts of fusion genes and their classification', In Fusion Genes and Cancer, World Scientific Publications. 2017, pp.17-58.

16. Padmavathi G, Banik K, Roy NK, **Monisha J**, and Kunnumakkara AB, 'Role of BCR-ABL fusion kinase in the development of leukemia', In Fusion Genes and Cancer. World Scientific Publications 2017, pp.1-16.
17. Padmavathi G, **Monisha J**, Harsha C and Kunnumakkara AB, 'Translocations of FGF and FGFR proteins and their effect in cancer', In Fusion Genes and Cancer. World Scientific Publications 2017, pp.1-16.
18. Padmavathi G, **Monisha J**, Anip A, Thakur KK and Kunnumakkara AB, 'Retinoic acid receptor alpha (RARα) fusion genes in leukemia', In Fusion Genes and Cancer. World Scientific Publications 2017, pp.1-16.
19. Padmavathi G, **Monisha J**, Banik K, Harsha C, Bordoloi D and Kunnumakkara AB, 'RUNX1 or AML1 fusion genes in leukemia and other cancers', In Fusion Genes and Cancer. World Scientific Publications 2017, pp.1-16.
20. Padmavathi G, Bordoloi D, **Monisha J**, Roy NK, Harsha C and Kunnumakkara AB, 'Other fusion genes responsible for the development of solid and hematological tumors', In Fusion Genes and Cancer. World Scientific Publications 2017, pp.1-16.
21. **Monisha J**, Padmavathi G, Bakliwal V, Katre N, Padikkala J, Kunnumakkara AB, Cancer preventive and therapeutic properties of fruits and vegetables aginst commonly occurring cancers in humans. In Anticancer Properties of Fruits and Vegetables: A Scientific Review; World Scientific Publications 2015, pp. 337-366.
22. Guruvayoorappan C, Sakthivel KM, Padmavathi G, Bakliwal V, **Monisha J** and Kunnumakkara AB, Cancer Preventive and Therapeutic Roles of Fruits and Vegetables: An Overview, In Anticancer Properties of Fruits and Vegetables: A Scientific Review; World Scientific Publications, 2015, pp. 1-52.
23. Sakthivel KM, **Monisha J**, Kunnumakkara AB, Guruvayoorappan C, Cancer Preventive and Therapeutic Properties of Fruits and Vegetables Against Lung Cancer; In Anticancer Properties of Fruits and Vegetables: A Scientific Review; World Scientific Publications 2015, pp. 221-250.

Research highlights:

The paper entitled 'NGAL is downregulated in oral squamous cell carcinoma and leads to increased survival, proliferation, migration and chemoresistance' was highlighted in DBT-AIST International Laboratory for Advanced Biomedicine DAILAB/DAICENTER; **RAUDIO** (**R**elay of **R**esearch **R**esults by AUDIO) program. URL : http://web.iitd.ac.in/~sundar/dailab/

Awards and Honors:

1. Received '**The Dr Anji Reddy Awards for Innovation and Excellence**' in Dr Anji Reddy Award of Excellence', at Dr. Reddys Laboratories Ltd in Bachupally, Hyderabad, India 2020.
2. Received **'Best Innovation Excellence Team Award'** for developing Abatacept Biosimilar (small scale), in Aarohan Annual Awards, Dr. Reddys Laboratories Ltd in Bachupally, Hyderabad, India 2020.
3. Received '**Best Oral Presentation Award'** for the paper entitled "Chemosensitization potential of Azadiradione, isolated from *Azadiractha indica* against oral cancer" in Second International Conference on Nutraceuticals and Chronic Diseases, at Goa, India 2017.
4. Received '**Institute Best Poster Presentation Award**' for the paper entitled "Downregulation of NGAL and Its Role in Head and Neck Squamous Cell Carcinoma" in Research Conclave 2017, IITG, Guwahati, India 2017.
5. Received '**Departmental Best Poster Presentation Award'** for the paper entitled "Downregulation of NGAL and Its Role in Head and Neck Squamous Cell Carcinoma" at Research Conclave 2017, IITG, Guwahati, India 2017.
6. Received '**Best Oral Presentation Award'** for the paper entitled "Insights into anticancer activity and mechanism of action of azadiradione against triple negative breast cancer" in First International Conference on Nutraceuticals and Chronic Diseases, at Kerala, India 2016.
7. Received post graduate scholarship for professional courses by The University Grants Commission, Govt. of India, 2009-2011.
8. Cleared FET (faculty eligibility test) conducted by JNTU, Hyderabad, 2011.

Abstracts in conference proceedings:

1. **Javadi Monisha**, Sajin Fransis K, Nand Kishor Roy, Ganesan Padmavathi, Mangalam S. Nair, Ajaikumar B. Kunnumakkara, Anticancer Activity of a Novel Limonoid Against Triple Negative Breast Cancer, Journal of Carcinogenesis 2016; 15:278. ISSN: 2393-8633.
2. Ajaikumar B. Kunnumakkara, Devivasha Bordoloi, Bethsebie Lalduhsaki sailo, Padmavathi Ganesan and **Javadi Monisha**. 'Fruits, Vegetables and Their Components in Cancer Prevention: What We Learned Thus Far?, 8 th International aromatherapy conference, San Fransisco, November 6-8,2015, 145-88.
3. Bethsebie Lalduhsaki sailo, **Javadi Monisha**, Ganesan Padmavathi and Ajaikumar B. Kunnumakkara. 'Tocotrienols: The Analogues of Vitamin E, Gifted By Mother Nature'. National Seminar on Emerging trends in Herbal Technology, Thrissur, India, October 7-9, 2015.

Oral presentation:

1. **Javadi Monisha**, Sajin Fransis K, Nand Kishor Roy, Ganesan Padmavathi, Mangalam S. Nair, Ajaikumar B. Kunnumakkara, Chemosensitization potential of Azadiradione, isolated from *Azadiractha indica* against oral cancer, in 2nd International Conference on Nutraceuticals and Chronic Diseases (2nd INCD-2017), 2017 at Goa, India.
2. **Javadi Monisha**, Sajin Fransis K, Nand Kishor Roy, Ganesan Padmavathi, Mangalam S. Nair, Ajaikumar B. Kunnumakkara, Insights into anticancer activity and mechanism of action of azadiradione against triple negative breast cancer, in First International Conference on Nutraceuticals and Chronic Diseases (2nd INCD-2017), 2016, Kerala, India.

List of presentations in conferences:

1. **Monisha J**, Roy NK, Khwairakpam AD, Padmavathi G and Kunnumakkara AB, Role of NGAL in the development of human oral squamous cell carcinoma, in Translational Cancer Research-2018 at Chennai, India
2. **Monisha J**, Fransis SK, Roy NK, Padmavathi G, Nair MS, Kunnumakkara AB, Chemosensitization potential of Azadiradione, isolated from *Azadiractha indica* against oral cancer, in 2nd International Conference on Nutraceuticals and Chronic Diseases (2nd INCD-2017), 2017 at Goa, India.
3. **Monisha J**, Roy NK, Padmavathi G, Kunnumakkara AB, Downregulation of NGAL and Its Role in Head and Neck Squamous Cell Carcinoma, Research Conclave-2017 at IIT Guwahati, India.
4. **Monisha J**, Fransis SK, Roy NK, Padmavathi G, Nair MS, Kunnumakkara AB, Insights into anticancer activity and mechanism of action of azadiradione against triple negative breast cancer, in First International Conference on Nutraceuticals and Chronic Diseases, 2016, Kerala, India.
5. **Monisha J**, Fransis SK, Roy NK, Padmavathi G, Nair MS, Kunnumakkara AB, Anticancer Activity of Azadiradione, a Novel Triterpenoid against Triple Negative Breast Cancer, Translational Cancer Research-2016 at Ahmedabad India.
6. **Monisha J**, Roy NK, Padmavathi G, Kunnumakkara AB, Downregulation Of NGAL And Its Association With Degree Of Differentiation Of HNSCC, Research Conclave-2016 at IIT Guwahati, India.
7. **Monisha J**, Fransis SK, Roy NK, Padmavathi G, Nair MS, Kunnumakkara AB, Anticancer activity of novel triterpenoid against triple negative breast cancer, National Conference on Recent Advances in Cancer Biology and Therapeutics-2014, IIT Guwahati, India.
8. **Monisha J**, Fransis SK, Roy NK, Padmavathi G, Nair MS, Kunnumakkara AB, Limonoid in Treatment of Triple Negative Breast Cancer, International Conference on Disease Biology and Therapeutics-2014, IASST Guwahati, India.
9. **Monisha J**, Fransis SK, Roy NK, Padmavathi G, Nair MS, Kunnumakkara AB, Limonoid in Treatment of Triple Negative Breast Cancer, Research Conclave-2014 at IIT, Guwahati, India.

Conferences, workshops and trainings attended:

1. Participated in the '**2nd International Conference on Nutraceuticals and Chronic Diseases (2nd INCD-2017)**', organized by Society for Nutraceuticals and Chronic Diseases held on 1st, 2nd and 3rd September at Goa, India, 2017.
2. Participated in Indo-japan symposium on "**Hope from Herbs: research-based Care and cure Potentials**" jointly organized by IIT Guwahati and AIST, Japan, held on 8th May, 2017.
3. Participated in the '**1 International Conference on Nutraceuticals and Chronic Diseases (2nd INCD-2017)**', organized by Society for Nutraceuticals and Chronic Diseases at held on 9th, 10th and 11th September at Cochin, India, 2016.
4. Participated in **'12th International Conference of the Asian Clinical Oncology Society and 35th Annual Convention of the Indian Association of Cancer Research (IACR) and Mid-Term Conference of IASO'** held at New Delhi, 2016.
5. Participated in the National conference on **'Recent Developments in Medical Biotechnology and Structure Based Drug Designing'** organized by Department of Biosciences and Bioengineering, IIT Guwahati, India, held on 6 & 7 December, 2015.
6. Participated in the National Conference on **'Recent Advances in Cancer Biology and Therapeutics'** organized by Department of Biotechnology, IIT Guwahati, India, held on 5 December, 2014.
7. Participated in the National Conference on **'Advances in Cancer Genomics'** organized jointly by Mizoram State Cancer Institute, Aizwal and Department of Biotechnology, Mizoram University held from 30-31 May, 2014.
8. Participated in a 5 day national course on '**Theoretical and Practical aspects of Cancer Research'** conducted under the Technical Education Quality Improvement Programme sponsored by the Ministry of Human Resource Development, Govt. of India, from February 4 – 8, 2015.
9. Participated in a two day national workshop on **'Flow Cytometry Data Analysis'** organized by Department of Biotechnology, Indian Institute of Technology Guwahati from 23 – 24, January, 2015.
10. Participated in a four day national workshop on **'Next Generation Sequencing and Data Analysis'** organized by Biotech Hub, Centre for the Environment, Indian Institute of Technology Guwahati held during May 14-17, 2014.
11. Hands on training on flowcytometry **"Indo-US Clinical Cytometry Symposium and Wet labs on Haematological Malignancies: Challenges & Management Strategies"** conducted by Cachar Cancer Hospital, February 8-9, 2014.

Co-Curricular Activities:

1. Member, local committee of the "**Second International conference on nutraceuticals and chronic diseases 2017 (INCD-2017)'**, Goa, India, 2017.
2. Member and organized a workshop on **"Basics of flowcytometry"** held at Department of Biosciences and Bioengineering, IIT Guwahati during Research conclave 2017.
3. Member and organized a workshop on **"Animal cell culture, molecular techniques in cancer diagnosis and drug discovery"** held at Department of Biosciences and Bioengineering, IIT Guwahati during Research conclave 2017.
4. Member, organizing committee of the Indo-Japan symposium **"Hope from herbs: Research- based care and cure potentials"** jointly organized by IIT Guwahati and AIST Japan at IIT Guwahati, 2017.
5. Member and organized a pre-conference workshop at **"AMBICON 2017"**, at IIT Guwahati, 2017.
6. Member, local committee of the **"International conference on nutraceuticals and chronic diseases 2016 (INCD-2016)'**, Kerala, India, 2016.
7. Member, organizing committee of the workshop on **"Theoretical and practical aspects of cancer research"** conducted under the Technical Education Quality Improvement Programme sponsored by the Ministry of Human Resource Development, Govt. of India, 2015.

8. Contributed as a student volunteer in organizing National Conference on "**Recent advances in cancer biology and therapeutics"** organized by Department of Biotechnology IIT Guwahati (2014).
9. Served as **Welfare secretary** for 1 year as a part of Students welfare Board at Indian Institute of Technology Guwahati, 2014-2015.
10. Completed 1st level (Yellow belt) in Karate, SHOTOKAN DO.

Personal details:

Date of Birth	: 10.08.1988
Father's name	: J Haribabu
Nationality	: Indian
Marital status	: Married
Language Proficiency	: English, Telugu, Hindi, Tamil (speak), Kannada (speak)

Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and bear the responsibility for the correctness of above-mentioned particulars.

MONISHA JAVADI