

## Curriculum Vitae

**Dr. JOY HARRIS HOSKERI** M.Sc., Ph.D.

**Mobile: +91-7795122960.**

**E-mail: joybioinfo@gmail.com**



**OBJECTIVE:** To be an integral part and a resourceful contributor in the field of Proteomics and Bioinformatics.

**ATTRIBUTE:** I am a self-motivated and self-starter who will go above and beyond to complete a task, hard working, eager to explore new things and always seeking for a challenging environment that encourages continuous implementation of my potentials with exposure to new ideas that stimulates personal and professional growth.

### **EDUCATIONAL QUALIFICATION**

**Ph.D. in Bioinformatics** on research entitled: “**Proteomics analysis and *in-silico* Drug Designing Studies on Hepatoprotectivity of Herbal Constituents isolated from *Flaveria trinervia* C. Mohr.**”

Post Graduation: **M.Sc. in Bioinformatics.**

Under Graduation: **B.Sc. in Chemistry, Microbiology and Zoology.**

<b>Degree</b>	<b>Board / University</b>	<b>Institution</b>	<b>Year of passing</b>	<b>Percentage of marks</b>	<b>Class</b>
Ph.D. (Regular)	Kuvempu University	Jnana Sahyadri, Shankarghatta	2008-2013	-----	-----
Ph. D. (Course Works)	Kuvempu University	Jnana Sahyadri, Shankarghatta	Sept - 2011	68%	First class
M.Sc.	Kuvempu University	Jnana Sahyadri, Shankarghatta	2005-2007	78.9%	First class
B.Sc.	Karnatak University	Karnatak college, Dharwad	2002-2005	81.33%	Distinction
P.U.C.	PUC-board	P.C. Jabins College, Hubli	Mar - 2001	61.67%	First class
S.S.L.C.	SSLC-board	City High School, Hubli	Mar - 1999	81.6%	Distinction

## EXPERIENCE

- Currently working as Assistant Professor at Department of Bioinformatics, Akkamahadevi Women's University, Vijayapura, Karnataka, India since 25.05.2018
- Worked as Assistant Professor at Department of Biotechnology, P.C. Jabin Science College, Vidyanagar, Hubballi, Karnataka, India from 10.01.2016 to 24.05.2018
- Worked as Post Doctoral researcher on research entitled "Mechanisms of primary and secondary hypoxic-ischemic damage of the neonatal brain" at Department of Biochemical Pharmacology, The Institute of Experimental Pharmacology and Toxicology, SAV, Bratislava from 10<sup>th</sup> March, 2014 to 31<sup>st</sup> May, 2015.
- Worked as Assistant Professor at Department of Biotechnology, The Oxford College of Science, Bangalore, India from 10.02.2011 to 26.02.2014.
- Worked as Project Fellow for a University Grant Commission (U.G.C.) funded project at Department of Bioinformatics and Biotechnology, Kuvempu University, Shankarghatta -577 451, India, from 03-06-2009 to 09-02-2011
- Worked as lecturer on temporary basis for M.Sc. Bioinformatics and M.Sc. Biotechnology in Dept. of Bioinformatics and Biotechnology, from 01-10-2007 to 02-06-2009.

## ACHIEVEMENTS

- 1) Awarded **First Rank** in M.Sc Bioinformatics from Department of P.G. Studies and Research in Biotechnology and Bioinformatics, Kuvempu University, India.
- 2) Awarded second prize for **Best Poster Presentation** in UGC sponsored National conference on "Emerging Trends in Medicinal Plant Research" on 08<sup>th</sup>-09<sup>th</sup> October, 2009 held at Maharani's Science College, Bangalore, India.
- 3) "**Young Gun Award**" in a CSIR sponsored National conference "Dissecting the Complexities of Plant Biotechnology in the Post-Genomic Era" on 21<sup>th</sup> September, 2011 held at Department of Biotechnology and Centre for Bioinformation, Tumkur University, Tumkur, India.
- 4) Awarded second prize for **Best Poster Presentation** in Jnanarjana 2012 -A National conference on "Bioactive Compounds and Therapeutics" on 28<sup>th</sup>-29<sup>th</sup> February, 2012 held at The Oxford College of Sciences, Bangalore, India.

## **FACULTY DEVELOPMENT PROGRAMS PARTICIPATED**

1. Undergone 04 days Faculty Development Program on “Recent Advances in Immuno Molecular Diagnostics” Organized by Govt. of Karnataka, Vision Group on Science and Technology, Department of IT, BT and S&T in association with The Oxford College of Science and Aristrogene Bioscience, held during 21.01.2013 to 24.01.2013 at the Oxford College of Science, Bangalore.

## **TRAININGS/WORKSHOPS ATTENDED**

1. Participated in a Bioinformatics Workshop held at St. Aloysius College, Mangalore during 26th -29th March, 2007 and worked on GCG software introduced and demonstrated by Accelrys, India.
2. Participated in **07** days National workshop on “**Application of Bioinformatics on Drug Discovery and Development**”, by DBT at Bioinformatics Infrastructure Facility Centre of DBT, Presidency College, Chennai -05, India during 04-08-2008 to 11-08-2008.
3. Training on **Microarray Data analysis and Systems Biology**, IOCB, Bangalore, India during 21<sup>st</sup> – 26<sup>th</sup>, October 2009.
4. Participated in a Lecture workshop on “**Biotechnological aspects of environmental degradation and protection**” held at The Oxford College of Science, Bangalore, India on 13<sup>th</sup> and 14<sup>th</sup> October, 2011.
5. Participated in a Lecture Series on “**Advanced Biotechnology**” held at The Oxford College of Science, Bangalore, India on 19<sup>th</sup> October, 2011.
6. Participated in a workshop on “**Benchtop NMR Spectrometer**” organized by **Cole-Parmer** held at The Oxford College of Science, Bangalore, India on 10<sup>th</sup> November, 2011.

## **INTERNATIONAL CONFERENCES/SEMINARS ATTENDED**

1. Indo-Australian International Conference on “Human Variations and Pharmacogenomics” held at Manipal University, Manipal, Karnataka, India during March 17-19, 2007.
2. International conference on “Climate Change – Perspectives and Projections – A Systems Approach” held at Osmania University, Hyderabad, India during 9<sup>th</sup> – 11<sup>th</sup> December, 2010.

3. International Conference “5<sup>th</sup> Bangalore India Nano - 2012” organized by Dept. of IT, BT and S&T, Govt. of Karnataka at The Lalit Ashok, Bangalore, India during 5<sup>th</sup> – 7<sup>th</sup> December, 2012.
4. International Conference “5<sup>th</sup> Bangalore India Bio - 2013” organized by Dept. of IT, BT and S&T, Govt. of Karnataka at The Lalit Ashok, Bangalore, India during 4<sup>th</sup> – 6<sup>th</sup> February, 2013.
5. TOXCON - 19th Interdisciplinary Toxicological Conference held at Stará Lesná - Hotel Academia, High Tatras, Slovakia. 24<sup>th</sup>-26<sup>th</sup> September, 2014

## **NATIONAL CONFERENCES/SEMINARS ATTENDED**

1. National Seminar on “Advances in Biochemistry, Biotechnology and Nanotechnology – Science for 21st Century” held at the Department of Biochemistry and Food Technology, P.G. Centre, Shivagangotri Davanagere 577 002, Karnataka, India on November 13 -14, 2006.
2. National Seminar on “Emerging Trends in Biotechnology” held at the Department of Biotechnology, Sahyadri Science College, Shimoga, India on 20<sup>th</sup> and 21<sup>st</sup> March, 2010.
3. National Seminar on “Recent Advances and Challenges in Biochemistry and Biotechnology - 2009” organized by Department of P.G. Studies and Research in Biochemistry, Jnana Sahyadri, Kuvempu University, Shankarghatta, India on 1<sup>st</sup> and 2<sup>nd</sup> April, 2009.
4. National conference on “Biotechnological Strategies for Biodiversity Conservation (ISCAP)” held at Department of P.G. Studies and Research in Applied Zoology and Microbiology, Kuvempu University, Jnanasahyadri, Shivamogga, Karnataka, India during 13<sup>th</sup> – 15<sup>th</sup> March, 2008.
5. National conference on “Chemistry, Biotechnology and Healthcare – An Interface” held on 24<sup>th</sup> and 25<sup>th</sup>, November, 2011 organized by Reva Institute of Science and Management, Bangalore, India.
6. National conference on “Biotechnology and Society - NCBS 2012” held at the Department of Biotechnology and Bioinformatics, Kuvempu University, Jnana Sahyadri, Shankaraghatta., Karnataka, India from 19<sup>th</sup> to 20<sup>th</sup> April, 2012.

7. National conference on “Emerging Trends in Medicinal Plant Research” on 08<sup>th</sup>-09<sup>th</sup> October, 2009 held at Maharani’s Science College, Bangalore, India.
8. National conference on “Information technology and its applications” held on 21<sup>st</sup> and 22<sup>nd</sup> November, 2009 at Centre for Information Science and Technology, University of Mysore, Mysore, India.
9. National conference “Dissecting the Complexities of Plant Biotechnology in the Post-Genomic Era” on 21th September, 2011 held at Department of Biotechnology and Centre for Bioinformation, Tumkur University, Tumkur, India.
10. Jnanarjana 2012 -A National conference on “Bioactive Compounds and Therapeutics” on 28th-29th February, 2012 held at The Oxford College of Sciences, Bangalore, India.

### **Papers presented in International/National Seminars (Total - 22)**

1. **Joy Hoskeri H**, V. Krishna, C. Amruthavalli and Suresh Babu. P, Bactericidal activity and docking of Peptide deformylase protein with  $\beta$ -sitosterol isolated from *Flaveria trinervia*” – UGC sponsored National conference on “Emerging Trends in Medicinal Plant Research” on 08<sup>th</sup>-09<sup>th</sup> October, 2009 held at Maharani’s Science College, Bangalore.
2. **Joy Hoskeri H**, V. Krishna, C. Amruthavalli, and Suresh Babu. P, “Molecular phylogeny of Quinone Reductase enzyme in Bacteria” – National conference on “Information technology and its applications” held on 21<sup>st</sup> and 22<sup>nd</sup> November, 2009 at Centre for Information Science and Technology, University of Mysore, Mysore.
3. R. Deepa, H. Manjunatha, H. Joy Hoskeri, V. Krishna, B.E. Kumaraswamy, B.N. Chandrashekar, B.S. Sherigara. “Electrochemical investigations of dopamine at Pterocarpus marsupium RoxB and Tx-100 modified carbon paste electrode: A cyclic voltametric study”. UGC sponsored National Conference on “Recent Trends in Analytical Techniques” organized by D.R.M. Science College, Davangere, India. 19th February, 2011.

4. R. Deepa, H. Manjunatha, **H. Joy Hoskeri**, V. Krishna, B.E. Kumaraswamy, B.N. Chandrashekar, B.S. Sherigara. "P-2 Dopamine at *Pterocarpus marsupium* RoxB and CATB modified carbon paste electrode: A cyclic voltametric study". National seminar on Novel Carbon Materials and their applications sponsored by Department of Science and Technology, organized by Department of Chemistry, Government College of Arts, Science and Commerce, Saligao, Goa, India. 25<sup>th</sup>-26<sup>th</sup> February, 2011.
5. R. Deepa, H. Manjunatha, **H. Joy Hoskeri**, V. Krishna, B.E. Kumaraswamy, B.N. Chandrashekar, B.S. Sherigara. "*Pterocarpus marsupium* RoxB and SDS modified carbon paste electrode for determination of dopamine: A cyclic voltametric study". National seminar on Emerging Trends in Electro Chemical Studies" sponsored by University Grants Commission. Organized by Department of Chemistry, Sri Krishnadevaraya University, Ananthapura, Andhra Pradesh, India. 25<sup>th</sup>-26<sup>th</sup> March, 2011.
6. M. Rajeshwar Reddy, **H. Joy Hoskeri**, K. Tirumal Reddy, A. B. Vedamurthy, V. Krishna, D. R. Yeshwanth Kumar and M. K. Sateesh. "A study on anthelmintic activity of *Tinospora cordifolia* extracts" in a CSIR sponsored National conference "Dissecting the Complexities of Plant Biotechnology in the Post-Genomic Era" on 21st September, 2011 held at Department of Biotechnology and Centre for Bioinformation, Tumkur University, Tumkur.
7. **Joy H. Hoskeri** and V. Krishna. "Proteomic analysis and in-silico drug designing studies on hepatoprotectivity of herbal constituents isolated from *Flaveria trinervia* C. Mohr." in a CSIR sponsored National conference "Dissecting the Complexities of Plant Biotechnology in the Post-Genomic Era" on 21st September, 2011 held at Department of Biotechnology and Centre for Bioinformation, Tumkur University, Tumkur.
8. Swati Agarwal, Simi Jacob, Nikkita Chettri, Saloni Bisoyi, Ayesha Tazeen, A. B. Vedamurthy, V. Krishna and **H. Joy Hoskeri**. "Evaluation of in vitro anthelmintic activity of *Leucas aspera* extracts" in a CSIR sponsored National conference "Dissecting the Complexities of Plant Biotechnology in the Post-Genomic Era" on 21st September, 2011 held at Department of Biotechnology and Centre for Bioinformation, Tumkur University, Tumkur.

9. Swati Agarwal, Simi Jacob, Nikkita Chettri, Saloni Bisoyi, Ayesha Tazeen, A. B. Vedamurthy, V. Krishna, C. Pramoditha Sruthy and **H. Joy Hoskeri**. “Evaluation of in vitro anthelmintic activity of *Catharathus roseus* extracts”. in a CSIR sponsored National conference “Dissecting the Complexities of Plant Biotechnology in the Post-Genomic Era” on 21th September, 2011 held at Department of Biotechnology and Centre for Bioinformation, Tumkur University, Tumkur.
10. Nisha P.V., Shruti N., Sweta Swamy K., Meera K., Vedamurthy A.B., Krishna V. and **Joy Hoskeri H**. Anthelmintic activity of *Pyrostegia venusta* using *P. posthuma*. Jnanarjana 2012 -A National conference on “Bioactive Compounds and Therapeutics” on 28th-29th February, 2012 held at The Oxford College of Sciences, Bangalore.
11. Meera Kumari, Vedamurthy A. B. and **Joy Hoskeri H**. *Leucas aspera* - a potent medicinal plant: A review. Jnanarjana 2012 -A National conference on “Bioactive Compounds and Therapeutics” on 28th-29th February, 2012 held at The Oxford College of Sciences, Bangalore.
12. Sarnim G., Sanjay S.T., and **Joy Hoskeri H**. “Anthelmintic activity of *Artemisia indica* extracts using *Pheretima posthuma*”. International Conference on Exploration of Biotechnology by Student Scholars and Researchers -2012 held from 8<sup>th</sup> – 9<sup>th</sup>, June, 2012 at Shridevi Institute of Engineering and Technology, Tumkur, Karnataka, India.
13. Sanjay Sharma Timilsina, Sarnim Gurung and **Joy H. Hoskeri**. “Comparative structural analysis of Phospholipase A2 and Combinatorial Screening of PLA2 inhibitors”. International Conference on Exploration of Biotechnology by Student Scholars and Researchers -2012 held from 8<sup>th</sup> – 9<sup>th</sup>, June, 2012 at Shridevi Institute of Engineering and Technology, Tumkur, Karnataka, India.
14. Roshan A., Sarnim G., Sanjay S.T., Jignesh S., Vedamurthy A.B., Krishna V., and **Joy Hoskeri H**. “Anthelmintic activity of *Lavandula angustifolia* extracts using *Pheretima posthuma*”. International Conference on Exploration of Biotechnology by Student Scholars and Researchers -2012 held from 8<sup>th</sup> – 9<sup>th</sup>, June, 2012 at Shridevi Institute of Engineering and Technology, Tumkur, Karnataka, India.

15. R. Deepa, H. Manjunatha, **H. Joy** and V. Krishna. Cyclic voltametric Investigation of Resorcinol at Pterocarpus marsupium RoxB. National conference on “Biotechnology and Society - NCBS 2012” held at the Department of Biotechnology and Bioinformatics, Kuvempu University, Jnana Sahyadri, Shankaraghatta., Karnataka, India from 19<sup>th</sup> to 20<sup>th</sup> April, 2012.
16. Mayank Agrawal, Pramoditha Sruthy ., Yashwanth Kumar D.R., Vurivi Hema, Vedamurthy A.B., Krishna V. and **Joy Hoskeri H.** Anthelmintic activity of *Manilkara zapota* seed embryo extracts against *P. posthuma*. National conference on “Biotechnology and Society - NCBS 2012” held at the Department of Biotechnology and Bioinformatics, Kuvempu University, Jnana Sahyadri, Shankaraghatta., Karnataka, India from 19<sup>th</sup> to 20<sup>th</sup> April, 2012.
17. Jignesh Savani, Roshan Adhikari, Sarnim Gurung, Sanjay Sharma Timilsina, Deepashree GHM, Vedamurthy A.B., **Joy Hoskeri H\***. Antioxidant and antibacterial activities of *Lavandula angustifolia* Hidcote. Bangalore India Bio-2013 held from 4<sup>th</sup> – 6<sup>th</sup>, Feb 2013 at Hotel Ashok Lalit, Bangalore.
18. **Joy Hoskeri H.**, Dominika Luptáková, Kateřina Plachá, Ladislav Bačiak, Ivo Juránek. “A walk through pathogenesis of hypoxic ischemic damage of the neonatal brain to explore molecular mechanisms involved”, presented in TOXCON - 19th Interdisciplinary Toxicological Conference held at Stará Lesná - Hotel Academia, High Tatras, Slovakia. 24<sup>th</sup>-26<sup>th</sup> September, 2014
19. Dominika Luptáková, Kateřina Plachá, **Joy Hoskeri H**, Ivo Juránek. “Study of neonatal hypoxic-ischemic encephalopathy: prophylactic effect of hypothermia” , presented in TOXCON - 19th Interdisciplinary Toxicological Conference held at Stará Lesná - Hotel Academia, High Tatras, Slovakia. 24<sup>th</sup>-26<sup>th</sup> September, 2014.
20. Vinay Kumar B., Halehatty S. Bhojya Naik, **Joy Hoskeri**, Sudeep H.V. “Synthesis of new tetra macrocyclic scaffold constrained oxadiazole, thiaciazole and triazoles rings: Antibacterial, DNA Binding, Cleavage studies and in vitro antioxidant activity”. International symposium on Challenges in Drug Discovery Programme – 2011(ISCDDP-2011) held at Karnataka State Open University, Manasagangotri, Mysore, India.
21. Vinay Kumar B., Bhojya Naik H.S., Giriya D., Sharath N., **Joy Hoskeri H.** “Synthesis, DNA binding, DNA-photocleavage and antimicrobial activity of



novel tetra-aza macrocyclic transition metal complexes constrained by thiadiazoles”. in a “International Conference on Synthetic & Structural Chemistry” held from 8<sup>th</sup> to 10<sup>th</sup> Dec.2011 at Mangalore University, Mangalore, India.

22. Shridhar A.H., J. Keshavayya, Peethamber S.K, **H. Joy Hoskeri** and Keerthikumar CT. “Synthesis, antimicrobial and in vitro antioxidant activity studies of some Bis-alkyl 1,3,4-oxodiazole incorporated Azo Dye derivatives”. in a “International Conference on Synthetic & Structural Chemistry” held from 8<sup>th</sup> to 10<sup>th</sup> Dec.2011 at Mangalore University, Mangalore, India.

### **Research papers published: (Total – 44 publications)**

**Cumulative Impact Factor: 19.264**

**Cumulative Citation index - 181**

#### **Publications in the field of Proteomics and Experimental Pharmacology**

1. G Vimala, **Joy Hoskeri** and Mahantesha Basanagouda (2017) Coumarin-Furoquinoline Conjugates as Potential Antitubercular Agents: Synthesis, Biological Evaluation and Molecular Docking Studies. *Journal of Chemical and Pharmaceutical Research*. 9(10):212-222.
2. Shridhar A H., Banuprakash G., Joy. H Hoskeri and Vijaykumar Y.T. (2017) Novel fused 1H- imidazo[1,2-B] pyrazole analogues as anti-inflammatory and analgesic agents with their molecular docking studies against Cox-1 and Cox-2. *International Research Journal of Pharmacy*. 8 (2): 25-33.
3. Mahadev N. Kumbar, Ravindra R. Kamble, Atulkumar A. Kamble, Shrinivas D. Joshi, Sheshagiri R. Dixit, **Joy Hoskeri**. (2016) Design, docking studies and molecular iodine catalyzed synthesis of benzo[ $\alpha$ ]xanthen-one derivatives as hyaluronidase inhibitors. *Medicinal Chemistry Research*, doi:10.1007/s00044-016-1655-2. **(Impact Factor – 1.436)**
4. A.B. Vedamurthy, Jamila Rampurawala, Padmaa M Paarakh, Sudhis Jogaiah and Joy Hoskeri H. (2015) Evaluation of anthelmintic activity of Momordica charantia L. seeds. *Indian Journal of Natural Products and Resources*. 6(2): 153-155.

5. Mahadevappa Paramesha, Chapeyil Kumaran Ramesh, Venkatarangaiah Krishna, H. Malleshappa Kumar Swamy, S. J. Aditya Rao, **Joy Hoskerri (2014)** Effect of dehydroabietylamine in angiogenesis and GSK3- $\beta$  inhibition during wound healing activity in rats. *Medicinal Chemistry Research*. 24(1): 295–303. (**Impact Factor – 1.436**) (**Citation - 1**)
6. Sheetal Babu Marganakop, Ravindra Ramappa Kamble, **Joy Hoskeri**, D. Jagadish Prasad, Gangadhar Yamanappa Meti. Facile synthesis of novel quinoline derivatives as anticancer agents. (2014) *Medicinal Chemistry Research*, 23(6): 2727-2735. (**Impact Factor – 1.436**). (**Citation - 5**)
7. Prakash G., Joy Hoskeri H. and Hosetti B. B. (2014) Investigation on Antimicrobial activity of *Dioscorea pentaphylla* from Mid-Western Ghats, India. Report and Opinion. 6(9): 78-83.
8. Tegginamath Gireesh, Ravindra R. Kamble, Pramod P. Kattimani, Atukuri Dorababu, Maraswamy Manikantha, and **Joy H. Hoskeri**. Synthesis of Sydnone Substituted Biginelli Derivatives as Hyaluronidase Inhibitors. (2013) *Archiv der Pharmazie Chemistry Life Sciences*, 346: 645–653. . (**Impact Factor – 2.043**). (**Citation - 3**)
9. **H. Joy Hoskeri**, V. Krishna, B. Vinay Kumar, A. H. Shridar, K. Ramesh Babu and M.S. Sudarshana. *In vivo* prophylactic effects of oleanolic acid isolated from chloroform extract of *Flaveria trinervia* against ethanol induced liver toxicity in rats. (2012) *Archives of Pharmacal Research*, 35(10): 1803-1810. (**Impact Factor –2.49**) (**Citation - 10**)
10. B. Vinay Kumar, H.S. Bhojya Naik, D. Giriya, N. Sharath, S.M. Pradeepa, **H. Joy Hoskeri**, M.C. Prabhakar. Synthesis, DNA-binding, DNA-photocleavage profiling and antimicrobial activity of novel tetra-aza macrocyclic Ni(II), Co(II) and Cu(II) complexes constrained by thiadiazole. (2012) *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 94: 192–199. (**Impact Factor – 2.653**) (**Citation - 16**)
11. Shridhar A .H, J. Keshavayya, S.K. Peethambar, **H. Joy Hoskeri**. Synthesis and Biological activities of Bis alkyl 1,3,4-oxadiazole incorporated azo dye derivatives. (2012) *Arabian Journal of Chemistry* 9(2): S1643-S1648. (**Impact Factor – 3.613**) (**Citation - 11**)

12. Lingaraju G. M., Krishna V., **Joy Hoskeri H.**, Pradeep K. and Suresh Babu P. Wound Healing promoting activity of stem bark extract of *Semecarpus anacardium* using rats. (2012) *Natural Product Research*, 26(24):2344-2347. (Impact Factor – 1.057) (Citation - 4)
13. **Joy Hoskeri H.**, Krishna V., Ramesh Babu K. and Badarinath D. K. Prophylactic Effects of *Flaveria Trinervia* Extract against Ethanol induced Hepatotoxicity using Rats. (2012) *International Journal of Pharmacy and Pharmaceutical Sciences*, 4(1): 127-133. (Citation - 2)
14. **Joy Hoskeri. H.**, V. Krishna, and Suresh Babu P. Antinociceptive activity and acute toxicity study of *Flaveria trinervia* whole plant extracts using mice. (2011) *Natural Product Research*, 25(19): 1865–1869. (Impact Factor – 1.057) (Citation - 1)
15. Vinay Kumar B, Halehatty S. Bhojya Naik, Girija D, Sharath N, Sudeep H.V, **Joy Hoskeri H.** Synthesis and Biological Evaluation of New Tetra-aza Macrocyclic Scaffolds Constrained Oxadiazole, Thiadiazole and Triazole Rings. (2011) *Archiv der Pharmazie*, 345: 240–249. . (Impact Factor – 2.043) (Citation - 7)
16. **Joy Harris Hoskeri**, Krishna Venkatarangaiah, Santhosh Kondajji Hanumanthappa, Shyam Kumar Vootla, Mallikarjuna Gadwala. CNS depressant activity of extracts from *Flaveria trinervia* Spring C. Mohr. (2011) *Phytopharmacology*, 1(4): 100-107. (Citation - 7)
17. Pradeepa K, Krishna V, Venkatesh, Girish Kumar K, Santosh Kumar SR, **Joy H Hoskeri**, Gnanesh AU. Antinociceptive activity of *Delonix elata* leaf extract. (2012) *Asian Pacific Journal of Tropical Biomedicine*, 2(1):S229-S231. (Citation - 13).
18. Chandrashekar M. B., Rajanaika, **Joy Hoskeri H.** Antinociceptive and anti-inflammatory activities of *Epiprinus mallotiformis* leaf methanolic extract. (2013) *International Journal of Pharmacy and Pharmaceutical Sciences*, 5(3): 489-493.

19. Chandrashekar M. B., Rajanaika, Vinayaka K.S., **Joy Hoskeri H.** Evaluation of anthelmintic and antioxidant activities of *Epiprinus mallotiformis* leaf extracts. (2013) *Asian Journal of Pharmacy and Clinical Research*, 6(4): 199-202. **(Citation - 1)**
20. D. R. Yashwanth Kumar, A. B. Vedamurthy and **H. Joy Hoskeri.** Anthelmintic Activity of *Annona reticulate* Seed Extracts. (2014) *British Journal of Pharmaceutical Research*, 4(6): 669-675.

#### [Publications in the field of Computational biology](#)

21. Sanjay ST, Sarnim S, Roshan A., Jignesh S., Mayank A., Vedamurthy AB and **Joy Hoskeri H.** Comparative Structural Analysis of Phospholipase A2 and Combinatorial Screening of PLA2 Inhibitors. (2013) *International Journal of Biometrics and Bioinformatics*, 7(1): 1-26.
22. **H. Joy Hoskeri**, V. Krishna, S. Jignesh, S.T. Sanjay, A. Roshan, S. Vijay. *In-silico* Drug designing using  $\beta$ -sitosterol isolated from *Flaveria trinervia* against Peptide Deformylase Protein to hypothesize Bactericidal Effect. (2012) *International Journal of Pharmacy and Pharmaceutical Sciences*, 4(2): 192-196. **(Citation 2)**
23. Sharath N, Halehatty S. Bhojya Naik, Vinay Kumar B and **Joy Hoskeri.** Synthesis, Antibacterial, Molecular Docking, DNA Binding and Photonuclease Activity of Quinoline Isoxazoles. (2012) *Der Pharmacia Sinica*, 3(2): 254-265. **(Citation 2)**
24. N. Sharath, Halehatty S. Bhojya Naik, B. Vinay Kumar and **Joy Hoskeri.** Antibacterial, Molecular Docking, DNA Binding and Photocleavage Studies on Novel Heterocyclic Pyrazoles. (2011) *British Journal of Pharmaceutical Research*, 1(2): 19-28. **(Citation 11)**
25. **Joy Hoskeri. H.**, V. Krishna and C. Amruthavalli. Functional annotation of conserved hypothetical proteins in *Rickettsia massiliae* MTU5. (2010) *Journal of Computer Science and Systems Biology*, 3(2): 050-052. **(Impact Factor – 2.53)**

### Other publications

26. Vedamurthy AB, Jamila Rampurawala, Padmaa M Paarakh, Sudisha Jogaiah and **Joy Hoskeri H. (2014)** *In vitro* antioxidant activity of *Coffea Arabica* unprocessed bean extracts. ***International Journal of Pharmacological Screening Methods***, 4(3) 145-149.
27. Yashwanth Kumar D. R. and **Joy Hoskeri H.** *Delonix elata* - A potent medicinal plant: A Review. (2013) ***International Journal of Pharmacy and Pharmaceutical Sciences***, 5(4): 1-3.
28. Sarnim G., Sanjay S.T., Roshan A., Vedamurthy A.B., and **Joy Hoskeri H.** *Artemisia indica* extracts as anthelmintic agent against *Pheretima posthuma*. (2013) ***International Journal of Pharmacy and Pharmaceutical Sciences***, 5(3): 259-262. **(Citation 8)**
29. Naveen Kumar H N, Badarinath D Kulkarni, **Joy Harris Hoskeri**, Tarveen Jandoo, Vedamurthy A B. Bactericidal, fungicidal and anthelmintic activities of *Alstonia scholaris* bark extracts. (2013) ***International Journal of Phytomedicine***, 5(1): 18-25
30. Sarnim G., Jignesh S., Sanjay S.T., Roshan A., Vedamurthy A.B., Krishna V., **Joy Hoskeri H.** Anthelmintic activity of *Lavandula Angustifolia* Hidcote extracts using *Pheretima posthuma*. (2012) ***International Journal of Phyomedicine***, 4(1): 22-26.
31. Shridhar A.H, J. Keshavayya and **Joy H. Hoskeri.** Synthesis of 1,3,4-Oxadiazole Incorporated Azo Dye Derivatives as a Potent Biological Activity Molecules. (2012) ***International Journal of Pharmacy and Pharmaceutical Sciences***, 4(2): 386-390. **(Citation 11)**
32. Jamila Rampurawala, Vedamurthy A.B., **Joy Hoskeri H.** A report on a potent anthelmintic agent - unbaked *Coffea arabica* bean extracts. (2013) ***Asian Journal of Pharmaceutical and Clinical Research***, 6(5): 119-121.
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**Personal Details**

**Name** : Joy H. Hoskeri.  
**Father's Name** : Harris R. Hoskeri.  
**Date of Birth** : 08<sup>th</sup> December, 1981.  
**Nationality** : Indian  
**Religion** : Christian  
**Marital Status** : Married  
**Languages Known** : English, Kannada and Hindi.

**Permanent address** : Basel Mission Compound,  
Karwar Road,  
Hubli - 580029  
Dharwad,  
Karnataka, India

**Present Address** : Department of Bioinformatics  
Akkamahadevi Women's University  
Vijayapura – 586 108,  
Karnataka, India.

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

**Place: Vijayapura**

**Date:**

**(JOY HARRIS HOSKERI)**