
Dr. GOMATHI PERIASAMY, M.Pharm. PhD
Assistant Professor,
Department of Pharmacy, College of Health Sciences,
Mekelle University, Mekelle, Tigray – 231. Ethiopia
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EDUCATIONAL QUALIFICATIONS

Doctor of Philosophy in Pharmacy:

Awarded on 2008

Research title: *Phytochemical and pharmacological evaluation of some Indian medicinal plants*

Supervisors:

1. Prof. Upal Kanti Mazumder, Professor, Department of Pharmaceutical Technology, Jadavpur University, Kolkata.
2. Prof. Malaya Gupta, Professor Emeritus, Department of Pharmaceutical Technology, Jadavpur University, Kolkata.

Master of Pharmacy (2002-2004): Pharmaceutical Chemistry

University: Jadavpur University, Kolkata.

Percentage of Marks: First class with distinction (80.5%) (University Second Rank)

GATE 2002 percentile: 94.86 (All INDIA Rank 233)

Bachelor of Pharmacy (1994-1998)

University: Tamilnadu Dr MGR Medical University, Chennai, Tamilnadu

Percentage of Marks: First class (68%)

TEACHING AND RESEARCH EXPERIENCE: 16 years

- ❖ Guided **Fifteen** M. Pharm and **Eight** B. Pharm students for their dissertation work.
- ❖ Presently working as **Assistant Professor** at Department of Pharmacy, College of Health Sciences, **Mekelle University**, Mekelle, Ethiopia.
- ❖ Worked as **Associate Professor**, for three years in the Department of Pharmaceutical Chemistry at **Vaagdevi College of Pharmacy, Kakatiya University, Warangal** and taught Chemistry of Natural Products, Spectroscopic identification of compounds, Screening methods in Pharmacology, Chromatographic Separation Techniques at Post Graduation level.
- ❖ Acting as an **Editorial Board Member** for international scientific publications such as Applied Science Reports, International Journal of Pharmacy Education and Research, World Journal of Pharmacy and Biotechnology, International Research Journal of Applied and Basic Sciences and Scientific Research Reports.

- ❖ Acting as **reviewer** for international scientific publications such as Journal of Medicine and Medical Sciences, International Journal of Medicinal Plants Research, Pakistan Journal of Pharmaceutical Sciences, International Journal of Biomedical Sciences, Journal of Microbiology and Antimicrobials, International Research Journal of Microbiology, Journal of Medicine Laboratory and Diagnosis, Journal of Clinical Medicine and Research and African Journal of microbiology Research.
- ❖ **6 years** teaching experience in **Erode College of Pharmacy, Tamilnadu Dr MGR Medical University, Chennai** and taught Pharmaceutical Organic Chemistry-1, Pharmaceutical Inorganic Chemistry, Pharmaceutical Analytical Chemistry, Pharmaceutical Instrumental Analysis, Medicinal Chemistry, Pharmacognosy and Physical Pharmacy subjects at undergraduate level.
- ❖ **3 years** teaching experience in **ML College of Pharmacy, ASN Pharmacy College, Tenali**, affiliated to **Acharya Nagarjuna University, Guntur** and taught at undergraduate level.

TECHNICAL EXPERTISE

- ❖ Preparation and development of protocols for large scale extraction and isolation of natural products.
- ❖ Working on TLC, column, Paper chromatography, Double beam UV-Vis spectrophotometer, FT-IR, Spectrofluoro photometer and HPTLC.
- ❖ Pharmacological screening of known and unknown compounds on *in-vivo* and *in-vitro* models.
- ❖ Efficient in performing animal studies like anticancer, antidiabetic, anti-inflammatory, analgesic, antipyretic and antihepatotoxic activities.
- ❖ Efficient in handling volatile solvents and extracting and isolating active constituents from plants
- ❖ Experience in application of Internet in scientific research activities.
- ❖ Experience in MS Office, Photoshop and other specialized softwares like Chemdraw, Chems sketch, Graphpad prism, Mestronova for evaluation of data.
- ❖ Post graduate diploma in Computer Application from IFG-ACE Ltd., MS-Office, MS-DOS, Basics in C, C+, Visual Basic and Fox Pro.

SCHOLASTIC ACHIEVEMENTS

- 1 Secured 94.86 Percentile in GATE -2002, National level exam conducted by Indian Institute of Science (IISc), Bangalore, for admission in to M. Pharmacy.
- 2 Received Research fellowship during M. Pharmacy course from AICTE, New Delhi.

M. PHARM / B. PHARM DISSERTATION GUIDED

1. Synthesis and antiglycating evaluation of some phenylurea derivatives, 2012. (Bandari Priyanka, KU Hall ticket No. 11117-P-1022).

2. Synthesis and biological evaluation of oxazine and thiazine derivatives as potent antimicrobial and antioxidant agents, 2012. (Poosala Rajkumar, KU Hall ticket No. 11117-P-1025).
3. Synthesis and biological evaluation of pyrazoline derivatives as potent antimicrobial agents, 2012. (Indhurthi Saiprathyusha, KU Hall ticket No. 11117-P-1031).
4. Pharmacological evaluation of novel pyrazoline derivative, 2012. (Motla Venumadhav, KU Hall ticket No. 11117-P-1062).
5. The effect of Losartan on Pioglitazone in normal and diabetic rats, 2012. (Gadepally Vanitha, KU Hall ticket No. 11117-P-1049).
6. Antiulcerogenic activity of a novel pyrazoline derivative, 2012. (Swarupa Rani, KU Hall ticket No. 11117-P-1071).
7. Evaluation of Immunomodulatory property of polysaccharides of *Manilkara hexandra* bark, 2011. (A. Sanjeevakumar, KU Hall ticket No. 10117-P-1018).
8. Antioxidant and immunomodulatory activities of anthocyanins from two forms of *Brassica oleraceae*, 2011. (R. Prameela, KU Hall ticket No. 10117-P-1012).
9. Design and synthesis of unsymmetrically substituted urea based small molecules as potent advanced glycation end product inhibitors, 2011. (P. Savitha, KU Hall ticket No. 10117-P-1033).
10. Synthesis and biological evaluation of novel pyrazoline derivatives as potent antibacterial agents, 2011. (S. Ganesh, KU Hall ticket No. 10117-P-1024).
11. Pharmacokinetic and Pharmacodynamic (PK/PD) modeling of meloxicam in rats, 2011. (Dheeraj Gopu, KU Hall ticket No. 10117-P-1050)
12. Antioxidant defense system induced by *Plumeria acuminata* leaves on diabetic rats, 2010. (A. Karthik Kumar, KU Hall ticket No. 09117-P-1004).
13. Antidiabetic potential of flavonoids of *Manilkara hexandra* bark in animal models, 2010. (Nazima Farheen, KU Hall ticket No. 09117-P-1010).
14. Chemistry and Pharmacology of ethyl acetate extract of *Plumeria acuminata* leaves, 2010. (T. Shalini, KU Hall ticket No. 09117-P-1017).
15. Phytochemical and pharmacological screening of *Manilkara hexandra* bark, 2010. (Abilash Reddy, KU Hall ticket No. 09117-P-1019).
16. Litration review on anti malarial plants in ethiopia by Addisu Wubneh
17. A litration review on betulinic acid and its derivatives as anti-cancer agent by Girma Teketelew

18. A literature review on cosmetic use of aloe vera by Solomon Kassa Geda
19. Evaluation of *in vivo* central analgesic activity and preliminary phytochemical screening of methanolic extract of *Terminalia brownii* leaf by Yewbnesh Alemayehu
20. Assessment of knowledge, attitude and practice of diabetic patients towards their disease related complications at Ayder Referral Hospital by Lewam Tesfay
21. Preliminary phytochemical screening and *in vivo* antioxidant activity of the aerial part of *guzotia scabra* by Etsay Weldekidan Tsegay
22. Antibacterial, Phytochemical Screening and *in Vitro* Antioxidant Activity of *Salvia tiliifolia* Leaf by Sushan Assefa
23. Preliminary phytochemical screening, *in vitro* antioxidant and free radical scavenging activity of extracts of *moringa stenopetala* leaves by Woldegebriel Seifu Aysa

PATENTS

1. **Gomathi P**, Umasankar K, Design and synthesis of unsymmetrically substituted urea based small molecules as potent antiglycating agents. Indian Patent Application (Complete Specification) Filed on 27th February 2012 (Application Number 713/CHE/2012).

PUBLICATIONS

1. **Periasamy Gomathi**, Pochu Savitha, Klandaivelu Umashankar, Boyapati Shireesha, Sonai Ganesh. Design and synthesis of unsymmetrically substituted urea based small molecules as potent antiglycating agents. *International Journal of Pharmacy Education and Research* 2015; 2(4): 7-11. (ISSN: 2349-056x)
2. **Gomathi periasamy**, Yewbnesh Alemayehu, Workagegnehu Tarekegn, Biruk Sintayehu, Mebrahtom Gebrelibanos, Gereziher Gebremedhin, Aman Karim. Evaluation of *in vivo* central analgesic activity and preliminary phytochemical screening of methanolic extract of *Terminalia brownii* leaves. *International Journal of Pharmacy and Biological Sciences* 2015; 5(4): 49-53. (ISSN : 2321-3272)
3. Gereziher Geremedhin Sibhat and **Gomathi Periasamy**. Analgesic activity of leaf latex of *Aloe percrassa* Todaro and *Aloe camperi* schweinfurth in mice. *World Journal of Pharmaceutical Research* 2015; 4(6): 355-361. (ISSN: 2277-7105).

4. Amanuel Yebio, Mebrahtom Gebrelibanos, Aman Karim, Gereziher Gebremedhin, Biruk Sintayehu and **Gomathi Periasamy**. Comparison of vitamin C content in fresh and packed juices of orange and mango. *International Journal of Pharmacognosy*, 2015; 2(2): 88-92. (ISSN: 2394-5583)
5. Birhanu D, **Gomathi P**. Prescribers adherence to basic prescription writing in referral hospitals in Ethiopian: the case of Ayder Referral Hospital. *Journal of Drug Delivery & Therapeutics*; 2014, 4(5), 167-172.
6. Lemlem Gebremedhin, **Gomathi P**. Assessment of drug use and effect in pregnant women attending antenatal care in Hospitals of Mekelle, Tigray, Ethiopia. *Journal of Drug Delivery & Therapeutics*, 2014; 4(6):75-82.
7. **Gomathi Periasamy**. Evaluation of *in- vivo* antitumor and antioxidant activity of *Ervatamia coronaria* leaves. *World Journal of Pharmaceutical Sciences* 2014; 2(7): 597-604 (ISSN: 2321-3310)
8. **Gomathi Periasamy**. Toxicity studies of *Ervatamia coronaria* Stapf., leaves on experimental animals. *Annals of Plant Sciences*, 2014, 3 (05), 715-718 (ISSN: 2287-688X)
9. **Gomathi Periasamy**, Girma Teketelew, Mebrahtom Gebrelibanos, Biruk Sintayehu, Michael Gebrehiwot, Aman Karim and Gereziher Geremedhin. Betulinic acid and its derivatives as anti-cancer agent: A review. *Archives of Applied Science Research*, 2014, 6 (3):47-58 (ISSN 0975-508X)
10. **Gomathi Periasamy**, Solomon Kassa, Biruk Sintayehu, Mebrahtom G/libanos, Gereziher Geremedhin, Aman Karim. Cosmetic use of *Aloe vera*: A review. *World Journal of Pharmacy and Pharmaceutical Sciences*, 2014, 3(5): 342-458 (ISSN 2278 – 4357).
11. Mebrahtom Gebrelibanos, **Gomathi Periyasamy**, Biruk Sintayehu. *Senna occidentalis* seed: is it health risk or potential medicine?. *International Journal of Pharmacognosy*, 2014, 1(3): 161-167. (ISSN: 2348-3962).
12. Gebremichael Lemlem Gebremedhin, Abdurahman Amir Abdulhakim, **Gomathi Periasamy**. Assessment On Knowledge Of Diabetic Patients On Their Disease And Therapeutic Goal At Ayder Referral Hospital, Mekelle, Ethiopia. *Journal of Drug Delivery and Therapeutics*, 2014, 4(3): 164-170.

13. Kalam Sirisha, Yegnambhatla Rajendra, **Periyasamy Gomathi**, Meesa Madhavi, Guggulothu Hima bindu, Yegnambhatla Aparna. Comparative Phytochemical and Pharmacological Evaluation of flowers of *Plumeria rubra* L. f. *rubra* and *Plumeria rubra* f. *lutea*. *British Biomedical Bulletin*, 2014, 2(1): 049-057. (ISSN: 2347-5447).
14. Raja Sekhar K, Raj Kumar P, Srinivas Reddy K, Umasankar K, **Gomathi P**. Analgesic and anti-inflammatory activities of novel thiazine derivatives. *World Journal of Pharmaceutical Research*, 2014, 3(3): 4464-4473. (ISSN 2277 – 7105).
15. Kalam Sirisha, Yegnambhatla Rajendra, **Periyasamy Gomathi**, Kasarla Soujanya, and N Yasmeen. Antioxidant and Anti-inflammatory Activities of Flowers of *Plumeria rubra* L. f. *rubra* and *Plumeria rubra* f. *lutea*: A Comparative Study. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2013, 4(4):743-756. (ISSN: 0975-8585).
16. **Gomathi P**, Prameela R, Sanjeeva Kumar A. Antioxidant and free radical scavenging activity of Anthocyanins from two forms of *Brassica oleracea*. *International Journal of Pharmaceutical and Chemical Sciences*, 2013, 2(3): 1328-1332. (ISSN: 2277-5005).
17. Ravinder K, **Gomathi P**. Antimicrobial property of *Ervatamia coronaria* leaves. *International Journal of Bioassays*. 2013, 2(7):1017-1018. (ISSN: 2278-778X)
18. **Gomathi Periyasamy**, Malaya Gupta, Upal Kanti Mazumder, Mebrahtom Gebrelibanos, Biruk Sintayehu. Antioxidant and antitumor activity of *Plumeria acuminata* in Ehrlich Ascites Carcinoma bearing Swiss Albino mice. *British Journal of Pharmaceutical Research*, 2013,3(4):671-685.
19. **Gomathi P**, Sanjeeva Kumar A, Prameela R. Isolation, quantification and structure of polysaccharides from *manilkara hexandra* bark. *ChemXpress*, 2013, 2(2):90-94.
20. Dheeraj Gopu, **Gomathi P** and Harish Kaushik K. Pharmacokinetic/Pharmacodynamic (PK/PD) modelling of antipyretic effect of meloxicam: A preferential cyclooxygenase inhibitor in rat. *African Journal of Pharmacy and Pharmacology*, 2013, 7(9):488-494. (ISSN: 1996-0816)
21. Dheeraj Gopu, **Gomathi P**. Pharmacokinetic/Pharmacodynamic (Pk/Pd) Modeling: An Investigational Tool For Drug Development. *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012, 4 (3): 30-37. (**Impact Factor: 0.38**).
22. **Periyasamy Gomathi**, Rekulapalli Prameela, Avvari Sanjeeva Kumar, Yegnambhatla Rajendra. Evaluation of Immunomodulatory activity of Anthocyanins from two forms of

- Brassica oleracea*. *Journal of Pharmacy Research*, 2012, 5(3): 1665-1668. (**Impact Factor: 2.36**).
23. **P. Gomathi**, A. Sanjeev Kumar, R. Prameela, K. Kishorekumar, K. Gnananath. Stimulation of immune system function by polysaccharides of *manilkara hexandra* (roxb.) Bark. *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012, 4 (3): 430-432. (**Impact Factor: 0.38**).
24. Gnananath K, Sanjeeva Kumar A, Srinivas N, **Gomathi P** and Kishore Kumar K. Pharmacological screening for analgesic and antiinflammatory activities of *Eriolaena hookeriana* wt. & arn. Roots. *International Journal of Pharma and Biosciences*, 2012, 3(2): 407-414. (ISSN 0975-6299).
25. **Gomathi Periyasamy**, Bibhuti B Kakoti, Thamil Selvan Vaiyapuri, Gupta Malaya, Mazumder Upal Kanti. Antitumor and *in-vitro* cytotoxic property of *Grewia asiatica* lim., against Erhlich's Ascites Carcinoma cells. *Natural Products: An Indian Journal*, 2012, 8(1): 30-34. (ISSN: 0974-7508).
26. **Gomathi Periyasamy**, Thamil selvan Vaiyapuri, Bibhuti B Kakoti, Malaya Gupta and Upal Kanti Mazumder. Evaluation of the Analgesic and Anti-inflammatory Properties of Methanol Extract of *Artanema sesamoides* Benth Roots in Animal Models. *Asian Journal of Pharmaceutical and Biological Research*, 2011, 1(4): 447-453. (ISSN: 2231-2218).
27. **P. Gomathi**, Malaya Gupta, UK Mazumder. Antipyretic Potential of Galega purpurea root. *International Research Journal of Pharmacy* 2011, 2(11): 151-152. (ISSN: 2230-8407).
28. Malaya Gupta, UK Mazumder, V Thamil selvan, L Manikandan, GP Senthilkumar, R Suresh, **P Gomathi**, B Ashok Kumar. Evaluation of the analgesic and anti-inflammatory properties of methanol extract of *Artanema sesamoides* Benth roots in animal models. *Oriental Pharmacy and Experimental Medicine* 2008, 8 (2): 196-203. (ISSN: 1598-2386).
29. M Gupta, UK Mazumder, **P Gomathi**, V Thamil Selvan. Antimicrobial activity of methanol extract of *Plumeria acuminata* Ait. leaves and *Tephrosia purpurea* (Linn.) Pers. roots. *Natural Product Radiance* 2008, 7 (2): 102-105. (ISSN: 0976-0504).
30. Selvan VT, Manikandan L, Senthil Kumar GP, Suresh R, Kakoti BB, **Gomathi P**, Kumar DA, Saha P, Gupta M, Mazumder UK. Antidiabetic and Antioxidant Effect of Methanol Extract of *Artanema sesamoides* in Streptozocin-Induced Diabetic Rats. *International Journal of Applied Research in Natural Products* 2008, 1 (1): 25-33. (ISSN: 1940-6223).

31. V. Thamil selvan, BB. Kakoti, **P. Gomathi**, D. Ashok Kumar, Aminul Islam, M. Gupta, UK. Mazumder. Cytotoxic and antitumor activities of *Pavonia odorata* against Erlich's ascites carcinoma cells bearing mice. *Pharmacology online* 2007; 2: 453-477.
32. Malaya Gupta, Upal Kanti Mazumder, **P. Gomathi**. *In vitro* antioxidant and free radical scavenging activities of *Galega purpurea* root. *Pharmacognosy Magazine* 2007, 3 (12): 219-225. (**Impact Factor: 0.45**).
33. M. Gupta, U. K. Mazumder, **P. Gomathi**. Antitumor and Antioxidant status of *Galega purpurea* root in Ehrlich Ascites Carcinoma bearing Swiss Albino Mice. *Oriental Pharmacy and Experimental Medicine* 2007, 7(4): 426-435. (ISSN: 1598-2386).
34. M. Gupta, UK. Mazumder, **P. Gomathi**. Evaluation of Antioxidant and Free radical scavenging activities of *Plumeria acuminata* leaves. *Journal of Biological Sciences* 2007, 7 (8): 1361-1367. (ISSN: 1727-3048).
35. M. Gupta, U. K. Mazumder, **P. Gomathi**. Evaluation of Antipyretic and antinociceptive activities of *Plumeria acuminata* leaves. *Journal of Medical Sciences* 2007, 7 (5): 835-839. (ISSN-1682-4474).
36. M. Gupta, U.K. Mazumdar, **P. Gomathi**. Antiinflammatory and antinociceptive effects of *Galega purpurea* root. *International Journal of Pharmacology* 2007, 3 (3): 210-218. (ISSN: 1811-7775) (**Impact Factor: 1.503**).
37. Malaya Gupta, Upal Kanti Mazumder, **P. Gomathi**. Antioxidant and Antimicrobial properties of *Galega purpurea* root. *Asian Journal of Plant Sciences* 2007, 6 (3): 533-537. (ISSN: 1682-3974).
38. Ramanathan Sambath Kumar, Thangavel Siva Kumar, Rajagopal Shanmuga Sundaram, **Periyasamy Gomathi**, Manisenthil Kumar, Upal Kanti Mazumder, Malaya Gupta. Central nervous system activity of the methanol extracts of *Caesalpinia*. *Oriental Pharmacy and Experimental Medicine*. 2006, 6 (3): 221-231. (ISSN: 1598-2386).
39. M. Gupta, UK. Mazumder, **P. Gomathi**, V. Thamil Selvan. Antiinflammatory evaluation of leaves of *Plumeria acuminata*. *BMC Complementary and Alternative Medicine* 2006, 6: 36. (**Impact Factor: 2.20**).
40. Ramanathan Sambath Kumar, Malaya Gupta, Upal KAnti MAzumder, Yerra Rajeshwar, Thangavel Sivakumar, **Periyasamy Gomathi**, Rathnamala Roy. Effects of methanol extracts of *Caesalpinia bonducella* and *Bauhinia racemosa* on hematology and hepatorenal function in

- mice. *The Journal of Toxicological Sciences* 2005, 30 (5): 265-274. (ISSN: 1800-3989). (**Impact Factor: 1.893**).
41. M. Gupta, U.K. Mazumdar, R. Sambath Kumar, Thangavel Sivakumar, **P. Gomathi**, Y. Rajeshwar. Antioxidant defense system induced by a methanol extract of *Caesalpinia bonducella* in rat liver. *Pharmaceutical Biology* 2005, 43 (5): 411-419. (**Impact Factor: 0.800**).
42. M. Gupta, U. K. Mazumder, R. Sambath Kumar, **P. Gomathi**, Y. Rajeshwar, B. B. Kakoti, V. Tamil Selven. Anti-inflammatory, analgesic and antipyretic effects of methanol extract from *Bauhinia racemosa* stem bark in animal models. *Journal of Ethnopharmacology* 2005, 98: 267-273. (**Impact Factor: 3.216**).
43. RS. Kumar, T. Sivakumar, RS. Sunderam, M. Gupta, UK. Mazumder, **P. Gomathi**, Y. Rajeshwar, S. Saravanan, MS. Kumar, K. Muruges, KA. Kumar. Antioxidant and antimicrobial activities of *Bauhinia racemosa* L. stem bark. *Brazilian Journal of Medical and Biological Research* 2005, 38: 1015-1024. (**Impact Factor: 1.15**).
44. T. Sivakumar, P. Perumal, R. Sambath Kumar, MLM Vamsi, **P. Gomathi**, U.K. Mazumder, M. Gupta. Evaluation of analgesic, antipyretic activity and toxicity study of *Bryonia laciniosa* in mice and rats. *The American Journal of Chinese Medicine* 2004, 32 (4): 531-539. (**Impact Factor: 1.422**).
45. Malaya Gupta, U.K. Mazumdar, Ramanathan Sambath Kumar, **Periyasamy Gomathi**, Y. Rajeshwar, T. Siva kumar. Screening of antioxidant and antimicrobial activities of *Caesalpinia bonducella* Flem., leaves (Caesalpinaceae). *Oriental Pharmacy and Experimental Medicine* 2004, 4 (3): 197-209. (ISSN: 1598-2386)
46. Malaya Gupta, Upal Kanti Mazumder, Thangavel Siva Kumar, **Periyasamy Gomathi**, Ramanathan Sambath Kumar. Antioxidant and hepatoprotective effects of *Bauhinia racemosa* against paracetamol and carbon tetrachloride induced liver damage in rats. *Iranian Journal of Pharmacology and Therapeutics* 2004, 3: 12-20. (**ISSN: 1735-2657**)
47. M. Gupta, U.K. Mazumder, R. Sambath Kumar, T. Siva Kumar, **P. Gomathi**. Antioxidant and protective effects of *Ervatamia coronaria* stapf, Leaves against carbon tetrachloride-induced liver injury. *European Bulletin of Drug Research* 2004, 12 (1): 13-22.
48. Malaya Gupta, Upal Kanti Mazumdar, **Periyasamy Gomathi**, Ramanathan Sambath Kumar. Antioxidant and free radical scavenging activities of *Ervatamia coronaria* Stapf. leaves

(Apocynaceae). *Iranian Journal of Pharmaceutical research* 2004, 2: 119-126. (**Impact Factor: 0.651**).

SEMINARS AND WORKSHOPS CONDUCTED

1. **Co-Convener** for three days **National Symposium** on “**Insights into Medicinal Chemistry**” in Vaagdevi College of Pharmacy held from 21st -23rd August, 2010 in association with APTI, AP State branch.
2. Conducted one day workshop on “Learning Proton NMR through problem solving” at UCPSc, KU on November 27th 2009.
3. Conducted one day workshop on “Learning Proton NMR through problem solving” at UCPSc, KU on February 20th 2010.

SEMINARS AND CONFERENCES ATTENDED

| Program | Sponsored by | Duration | Venue |
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| 1. Staff Development Program in Advances in Pharmacology and Pharmacognosy of Medicinal plants | AICTE | January 30 th -February 10 th , 2012 | Kakatiya University, Warangal, Andhra Pradesh. |
| 2. Staff Development Program in Advances in Pharmaceutical Chemistry and Analysis | AICTE | November 28 th to December 9 th , 2011 | Kakatiya University, Warangal, Andhra Pradesh. |
| 3. Insights in to Medicinal Chemistry | VCOP | August 21 st -23 rd , 2010 | Vaagdevi College of Pharmacy, Warangal, Andhra Pradesh |
| 4. Staff Development Program in Advances in Medicinal Chemistry | AICTE | April 16 th – 27 th , 2010 | UCPSc, Kakatiya University, Warangal, Andhra Pradesh. |
| 5. National Conference on Recent Trends & Challenges of Food Processing in India | JU | January 13 th – 14 th , 2007 | Department of Food Technology & Biomedical Engineering, Jadavpur University, Kolkata. |
| 6. Pharmacon 2007, Pharmacy students national conference on Recent trends in Pharmaceutical Sciences | AU | 9-10 th January 2007 | Department of Pharmaceutical Sciences, Andhra University, Vishakapatnam, Andhra Pradesh. |
| 7. Recipe for Excellence: Best practices in Pharmaceutical Education | APTI | September 1 st , 2 nd and 3 rd , 2006 | 11 th APTI National Convention, NIMHANS, Bangalore, Karnataka. |
| 8. International Symposium | | | Bharathidasan University, Trichy, |

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| on Pharmaceutical Engineering-An Insight into the Latest Developments | BU | March 3 rd , 2006 | Tamilnadu. |
| 9. National Seminar on Modeling on Pharmacokinetics and Pharmacodynamics of Controlled Drug Delivery System | AICTE | January 7 th 2006 | The Erode College of Pharmacy, Veppampalayam, Erode, Tamilnadu. |
| 10. Pharmacist: Drug Discovery Research | IPA Educational Division | December 2 nd – 4 th , 2005 | 57 th Indian Pharmaceutical Congress, HITEK, Hyderabad, Andhra Pradesh |
| 11. International Conference on Drug Development from Medicinal Plants-Issues and Problems | CLBM | October 20 th - 22, 2005 | CL Baid Metha College of Pharmacy, Chennai, Tamilnadu.. |
| 12. Current developments in Pharmaceutical Sciences with Emphasis on Practical Training in modern Analytical Techniques | UGC | September 15 th -October 5 th , 2004 | Annamalai University, Chidambaram Tamilnadu. |
| 13. Staff Development Program in Biopharmaceutics and Pharmacokinetics | AICTE | December 3 rd -9 th , 2001 | Kakatiya University, Warangal, Andhra Pradesh. |

PRESENTATIONS IN SEMINARS AND CONFERENCES

1. Ramanathan Sambath Kumar, Thangavel Siva Kumar, **Periyasamy Gomathi**, Upal Kanti Mazumder, Malaya Gupta. Antitumor and antioxidant effects of *Bauhinia racemosa* barks against Ehrlich ascites carcinoma in Swiss albino mice. *International Conference of Recent Advances in Biomedical and Therapeutic Sciences (ICRABBTS)*, Institute of Biomedical Sciences, Bundelkhand University, JHANSI, India. January 13th –15th 2004.
2. **Periyasamy Gomathi**, Ramanathan Sambath Kumar, Malaya Gupta, Upal Kanti Mazumder, Antioxidant and hepatoprotective activities of *Tabernaemontana coronaria*. *International Conference of Recent Advances in Biomedical and Therapeutic Sciences (ICRABBTS)*, Institute of Biomedical Sciences, Bundelkhand University, JHANSI, India. January 13th –15th 2004.
3. R. Sambath Kumar, T. Sivakumar, Y. Rajeshwer, **P. Gomathi**, U. K. Mazumder, M. Gupta. Antitumor effect of *Caesalpinia bunducella* root against Ehrlich ascites carcinoma with

reference to lipid peroxidation and antioxidant system in Swiss albino mice. *International APTI Convention* Oct 2nd and 3rd 2004 held at Visakhapatnam, India.

4. Ramanathan Sambath Kumar, Thangavel Siva Kumar, **Periyasamy Gomathi**, Malaya Gupta, Upal Kanti Mazumder. Effect of methanolic extract of *Caesalpinia bonducella* on N-nitrosodiethylamine-induced hepatocarcinogenesis in rats. *National level conference on herbal pharmaceuticals entrepreneurship development* 29th & 30th October 2004 held at PSG College of Pharmacy Coimbatore.
5. Ramanathan Sambath Kumar, Thangavel Siva Kumar, **Periyasamy Gomathi**, Malaya Gupta, Upal Kanti Mazumder. Effect of methanolic extract of *Bauhinia racemosa* on N-nitrosodiethylamine-induced and Carbontetrachloride promoted hepatocarcinogenesis in rats. *56th Indian Pharmaceutical Congress* December 2004 3rd to 5th at Kolkata.
6. MS. Chidambaram, **P. Gomathi**, M. Gupta, UK. Mazumder, K. Ravinder, Srinivasa Prasanna. Invitro antioxidant and free radical scavenging activities of methanol extract of leaves of *Plumeria acuminata*. AO 014: 60. International conference on drug development from medicinal plants-Issues and Problems, Chennai, India, 20-22nd October 2005.
7. **P. Gomathi**, MS. Chidambaram, K. Ravinder, M. Gupta, UK. Mazumder, Srinivasa Prasanna. Antitumor activity of methanol extract of leaves of *Plumeria acuminata* against Ehrlich Ascites Carcinoma in Swiss albino mice. AT 08: 73-74. International conference on drug development from medicinal plants-Issues and Problems, Chennai, India, 20-22nd October 2005.
8. M. Gupta, UK. Mazumder, K. Ravinder, **P. Gomathi**, BB. Kakoti. Antimicrobial activity of methanol extract of root of *Galega purpurea*. C 10: 47. 57th Indian Pharmaceutical Congress on Pharmacist: Drug Discovery Research, Hyderabad, 2-4th December 2005.
9. M. Gupta, UK. Mazumder, **P. Gomathi**, MS. Chidambaram. Invitro antioxidant and free radical scavenging activities of *Galega purpurea* root. CP 43: 225. 57th Indian Pharmaceutical Congress on Pharmacist: Drug Discovery Research, Hyderabad, 2-4th December 2005.
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23. **Periyasamy Gomathi**, Malaya Gupta, Upal Kanti Mazumder. Chronic toxicity studies of *plumeria acuminata* and *galega purpurea* in experimental animals. 16th National Convention of Society of Pharmacognosy and International Symposium on Herbal and Traditional Medicine, March 9th – 12th 2012.

PROJECTS UNDERTAKEN

Ongoing

| S. No | Title | Investigators | Grant from & Ref No. | Cost | Period |
|-------|---|--|--|------------|----------------------------|
| 1 | Physicochemical Characterization and Evaluation of Mucilages from Endemic AloeSpecies of Ethiopia as Pharmaceutical Suspending Agents | PI: Biruk Sintayehu Co-I: Dr. P Gomathi | IFS, Sweden 2013 grant number F/5399-1 | 8,000 USD | Three Years (2013-2016) |
| 2 | Preventive, suppressive and curative in vivo antimalarial and in vitro antioxidant activity of aloes species of Ethiopia. | Birhanu Demeke, Biruk Sintayehu, Mebrhatom G/Libanose, Gereziher Gebremedhin, Aman Karim, Gomathi Periasamy | IFS, Sweden 2015 grant number F/5676-1 | 10,000 USD | Three Years (2015-2018) |

Completed

| S. No | Title | Investigators | Grant from & Ref No. | Cost | Period |
|-------|---|--|--|------------|-------------------------|
| 1 | Evaluating mucilage from Aloe percrasa growing in Tigray region as binding agent in tablet formulation. | PI: Dr. P Gomathi CoI: Biruk Sintayehu | NORAD III & MU VPRCS/942/04/(6)/ dated: 29.12.2004 CHS/RB/16/2012 | 50,000 ETB | One Year (2012-2013) |
| 2 | Use of traditional medicine for the management of HIV/AIDS and opportunistic infections and its effect on ART adherence in Central Tigray, Northern Ethiopia. | PI: Biruk Sintayehu CoI: Dr. P Gomathi | NORAD III & MU VPRCS/942/04/(12) dated: 29.12.2004 CHS/RB/12/2012 | 50,000 ETB | One year (2012-2013) |

PROFESSIONAL MEMBERSHIPS

| Organization | Membership Status | Membership Number | Year |
|--|-------------------|-------------------|------|
| <i>1. All India Pharmacy Teachers Association (APTI)</i> | Life Member | (AP/LM 190) | 2006 |

Declaration: I hereby declare that the information provided is correct to the best of my knowledge and belief. In the event of any information being found incorrect or misleading, I am solely responsible for it.

Dr. Gomathi Periasamy