

Dr. Rahul Somani M.Pharm, PhD
Associate General Manager-Medical Affairs & Pharmacovigilance
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Assignment to as Associate General Manager- Medical Affairs & Pharmacovigilance in the Pharmaceutical Industry

PROFESSIONAL SYNOPSIS

Key Functional Strengths:

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| <input checked="" type="checkbox"/> Crafting Customized Medico-Marketing Solutions | <input checked="" type="checkbox"/> Strategic Medical Evaluation of New Drug |
| <input checked="" type="checkbox"/> Medical Rationale of Drugs | <input checked="" type="checkbox"/> Intra and Inter-Departmental Co-ordination |
| <input checked="" type="checkbox"/> Scientific & Medical Information | <input checked="" type="checkbox"/> Team Leader of Acute Therapy Team |
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ORGANISATIONAL EXPERIENCE

Industrial Assignment

01/04/2017- till date **Alkem Laboratories Pvt. Ltd., Mumbai**
Associate General Manager- Medical (M03B)

15/11/2011- 31/03/2017 **Alkem Laboratories Pvt. Ltd., Mumbai**
Senior Manager- Medical (M04)

Medico-marketing:

To boost sales & marketing by supporting with ethical medical information to products in Alkem Laboratories for Domestic & ROW countries

- Key resource handling of Main division "ACE/ALPHA" products of Alkem.
- Conceptual promotion of products with scientific background & ethics.
- Provide medical inputs and support to marketing during and after new product launches.
- Medico-Marketing inputs to PMT– Providing latest references and participating in better segmentation.
- Contribute to the design and approval of promotional material.
- Answering product-related queries sent by field, or doctors.
- Training of sales force, during briefing cycles at respective locations.
- Conducting CMEs– Interacting with speaker, arranging slides incorporating changes suggested by speaker.
- Develop effective relationships with KOLs and healthcare organizations.
- 3T Initiative : Track-The-Topic Initiative.
- 3A Initiative : Alkem's Academic Advancement.
- Newsletter Initiative: PAN, OXUM, URSOKEM, ACE Insights Newsletters.
- BD Support: Evaluated & Suggested several Products.
- Regulatory Support: Supported for dossier preparation for various Middle-East Asian Countries, Pack Insert Preparation, justification for FDCs.

Marketing Compliance:

To ensure the uniform standards for generation and approval of scientific contents in promotional materials & activities for products marketed by Alkem.

- Prepared guidelines on the basis of Uniform Code for Pharmaceuticals Marketing Practices.
- Developed online system for approval of scientific contents in promotional materials & activities.
- Conducted audits for ethical marketing practices for internal customers.

Pharmacovigilance:

To established Global Pharmacovigilance system in Alkem. Played major role in selection, negotiation and establishing database for case processing. Experience includes but not limited to ICSRs identification and processing, quality review of ICSRs, training and mentoring.

- SOP development for Global Pharmacovigilance processes.
- Review adverse experiences (AEs) from post marketing sources for completeness and regulatory compliance.
- Perform quality control review of completed individual safety reports and ensure compliance with regulatory reporting requirements.
- Monitoring of Expedited reporting compliance on an ongoing basis (weekly/ monthly) to ensure compliance to external regulatory timelines for submission of ADR reports in time.
- Development of Safety Data Exchange Agreements with various business partners in Asia Pacific & CIS countries to ensure effective exchange of safety information.
- Reconciliation of ADR/PQC with CQA.
- Ensure adequate training in Pharmacovigilance to all Pharmacovigilance and Non-Pharmacovigilance personnel in the Region.

Academic Assignment**05/2005- 11/2011****Sinhgad College of Pharmacy, Pune.
Professor & Head of Pharmacology****03/1999- 05/2005****Smt SS Patil College of Pharmacy, Chopda.
Assistant Professor of Pharmacology**

Before my Industrial assignments, worked as Professor and Head of Pharmacology at Sinhgad College of Pharmacy, Pune. I have twelve years experience of teaching UG & PG students for Clinical and Molecular Pharmacology, Experimental Pharmacology, Biopharmaceutics.

Responsibilities Handled:

- Responsible for managing the department of pharmacology including staff and students of UG & PG.
- Coordinated various State and District level seminars and symposia.
- Assigns tasks to staff and students as per their abilities and likings.
- Involved in scientific writing of research papers (Total scientific publications & presentations are 80).
- Actively participated in National and International Conferences of Pharmacology for presentations.
- Regularly conduct project evaluation meetings for UG & PG projects.
- Guiding UG (15), PG (29) and PhD (04) students for their research work.
- Writing scientific research protocol to various funding agencies like ICMR, AICTE, DST.
- Engaged in CME of Chemists and Druggists along with Maharashtra State Pharmacy Council.
- Started Drug Information Centre for Patients.

Award:

Recipient of prestigious “**Career Award for Young Teachers**”, AICTE, New Delhi, India (2002).

Professional Skills:

- Twelve years of professional experience in teaching Pharmacology
- Excellent command over English, Hindi and Marathi languages
- Expertise in writing scientific research papers
- Strong presentation and organizational skills
- In-depth knowledge of medical terminologies
- Ability to generate information in a clear and precise way
- Good relationship building skills
- Excellent in Man management
- Honest, clarity of ideas and target oriented
- Multitasking skills and ability to handle work under pressure
- Good knowledge of major computer applications
- Excellent negotiation and interpersonal skills
- Habitual to organize seminars and medical education events

Educational Profile:

- **Ph.D. (2009)** : Dr. H.S. Gour University, Sagar.
- **M.Pharm (1999)** : University of Pune, Pune.
- **B.Pharm (1997)** : University of Pune, Pune.

Personal Profile:

- **Date of Birth** : July 22, 1976
- **Marital status** : Married
- **Languages known** : English, Hindi, Marathi

Contact Address:

E-1/1204, Rutu Tower, Patlipada, Ghodbandar Road, Thane (W)-400 615(MS), INDIA.

Dr. R. S. Somani

Date: / /2017

Note: For details kindly refer Annexure

Annexure

Research Papers

1. Vinayaka Shahavi and **Rahul Somani (2016)**. Rosmarinic acid ameliorates memory deterioration and oxidative stress in streptozotocin induced diabetic rats. *European Journal of Pharmaceutical and Medical Research*. 3(5), 403-411.
2. Dilpesh Jain, **Rahul Somani** and Ritu Gilhotra **(2016)**. Silibinin ameliorates hyperglycaemia, hyperlipidemia and prevent oxidative stress in streptozotocin induced diabetes in Sprague Dawley rats. *International Journal of Pharmaceutical Research & Allied Sciences*. 5(3):136-144.
3. Jain DP and **Somani RS (2015)**. Antioxidant Potential of Hesperidin Protects Gentamicin Induced Nephrotoxicity in Experimental Rats. *Austin J Pharmacol Ther*. 3(2):1071.
4. Patil SD, Jain AS, **Somani RS**, Sawant SD **(2015)**. PCOS, Type II diabetes mellitus, obesity coexistence: An metabolic disaster & a way through it. *European Journal of Pharmaceutical and Medical Research* 2(5):1254-1276.
5. Vinayaka Shahavi, **Rahul Somani**, Pravinkumar Bhutada **(2015)**. Amelioration of diabetes induced memory deterioration and oxidative stress changes with treatment of trigonelline. *International Journal of Biological & Pharmaceutical Research*. 6(10): 796-807.
6. Jain DP, **Somani RS (2015)**. Silibinin, a bioactive flavanone, prevents the progression of early diabetic nephropathy in experimental type-2 diabetic rats. *Int J Green Pharm*. 9:118-24.
7. Dilpesh Jain and **Rahul Somani (2015)**. Silibinin: A Bioactive Flavanone in Milk Thistle Ameliorate Gentamicin Induced Nephrotoxicity in Rats. *Pharmacologia* 6 (1): 38-44.
8. Dilpesh Jain, Manish Kumar Bansal, Rahul Dalvi, Aman Urganlawar, **Rahul Somani (2014)**. Protective effect of diosmin against diabetic neuropathy in experimental rats. *Journal of Integrative Medicine*. 12(1): 35-41.
9. Suresh Ramnath Naik, Nazneen Shaikh, Rajesh R. Patil, **Rahul S. Somani**, Abhijit S. Mali **(2014)**. Protective activity profile of herbomineral medicine in early diabetic nephropathy rats: Restoration of kidney antioxidants, hemodynamics and suppression of proinflammatory mediators. *Biomedicine & Aging Pathology*. 4:33-41.
10. Karuna A. Talpate, Uma A. Bhosale¹, Mandar R. Zambare, **Rahul S. Somani (2014)**. Neuroprotective and nootropic activity of *Clitorea ternatea* Linn.(Fabaceae) leaves on diabetes induced cognitive decline in experimental animals. *Journal of Pharmacy and Bioallied Sciences*. 6:48-55.
11. Yogesh Mundade, **Rahul Somani**, Ambrish Srivastava, Kamalakar Kulkarni **(2013)**. A Comparative Study for Efficacy and Tolerability of Satranidazole Plus Ofloxacin Versus Ornidazole Plus Ofloxacin in Periodontal Infections. *Indian Medical Gazette*. 448-453.
12. Dilpesh Jain, Manish Kumar Bansal, Rahul Dalvi, Aman Urganlawar, Rahul Somani **(2013)**. Protective effect of diosmin against diabetic neuropathy in experimental rats. *Journal of Integrative Medicine*, 1-7.
13. **Somani RS**, PR Deshmukh PR, Shah PR, Soni RM, Jain DP, Khaserao SS **(2013)**. Prokinetic effect of Hyponid, a herbomineral formulation in STZ- induced diabetic rats. *Pharmacologia* 4(1):48-52.
14. Karuna A. Talpate, Uma A. Bhosale, Mandar R. Zambare, **Rahul Somani (2013)**. .Antihyperglycemic and antioxidant activity of *Clitorea ternatea* Linn. on streptozotocin- induced diabetic rats. *Journal of Research in Ayurveda*. 34(4):433-439.
15. Mobeen S. Ansari, **Rahul S. Somani**, Shrikant S. Pawar **(2013)**. Effect of circadian rhythm on antiulcer activity of hydroxyzine in cold stress induced ulcer in wistar albino rats. *Iranian Journal of Pharmacology & Therapeutics* 12(2):46-51.
16. **Rahul Somani**, Abhay Kumar Singhai, Prashant Shivgunde, Dilpesh Jain **(2012)**. Asparagus racemosus ameliorates early diabetic nephropathy in STZ induced diabetic rats. *Indian Journal of Experimental Biology* 50:469-475.
17. Ashok D Chougale, Shweta P Bhat, Swapnil V Bhujbal, Mandar R. Zambare, Shraddha Puntambekar, **Rahul S Somani**, Ramanamurthy Boppana, Ashok P Giri, Mahesh J Kulkarni **(2012)**. Proteomic analysis of glycosylated proteins from streptozotocin-induced diabetic rat kidney. *Molecular Biotechnology*. 50(1):28-38.

18. **Rahul Somani**, Abu Shaikh, Dilpesh Jain, Rajkumar Shete (2012). Prokinetic Effect of Herbomineral Unani Formulation (Dolabi) in Diabetic Rats. *Journal of Research and Education in Indian Medicine* XVIII (1) : 1-6.
19. **Somani Rahul**, Khalate Vinay, Jain Dilpesh, Singhai Abhay Kumar (2012). Antidepressant activity of Karnim in diabetes associated depression in experimental Animals. *Pharmacologia* 3(9): 413-419.
20. Uma A Bhosale, Radha Yegnanarayan, Prachi Pophale, **Rahul Somani** (2012). Effect of aqueous extracts of *Achyranthes aspera* Linn. on experimental animal model for inflammation. *Ancient Science of Life*. 31(4):202-206.
21. **Rahul Somani**, Prashant Vadnal, Sanjay Deshmukh, Sunetra Patwardhan (2011). Hepatoprotective activity of *Clitoria ternatea* L. leaves against carbon tetrachloride induced hepatic damage in rats. *Journal of Pharmacy Research* 4(10):3540-3544.
22. Dhananjay Wakchaure, Dilpesh Jain, Abhay Kumar Singhai, **Rahul Somani** (2011). Hepatoprotective activity of *Symplocos racemosa* bark on carbon tetrachloride- induced hepatic damage in rats. *Journal of Ayurveda and Integrative Medicine* 2(3):137-143.
23. Mandar R. Zambare, Uma A. Bhosale, **R.S.Somani**, Radha Yegnanarayan, Karuna A.Talpate (2011). *Achyranthes aspera* (Agadha): Herb that improves pancreatic function in alloxan induced diabetic rats. *Asian Journal of Pharmaceutical Biology and Research* 1(2); 99-104.
24. Mandar Zambare, Uma A Bhosale, **R.S.Somani**, Radha Yegnanarayan, Karuna A Talpate (2011). Effect of treatment with *Achyranthes aspera* (Agadha) ethanol extract on various hematological and biochemical parameters in alloxan induced diabetic rats. *International Journal of Pharmaceutical Frontier Research* 1(1):42-52.
25. Uma A Bhosale, Radha Yegnanarayan, Prachi D Pophale, Mandar R Zambare, **Rahul S Somani** (2011) . Study of central nervous system depressant and behavioral activity of an ethanol extract of *Achyranthes aspera* (Agadha) in different animal models. *International Journal of Applied and Basic Medical Research* 1(2):104-108.
26. Dilpesh Jain, Nisarg Patel, **Rahul Somani** (2011). Anti-diarrhoeal activity of ethanolic heartwood extract of *Pterocarpus marsupium*. *Pharmacologyonline* 1: 552-559.
27. Bhosale Uma, Radha Yegnanarayan, Pophale Prachi, Mandar Zambare, **R.S. Somani** (2010). Antinociceptive evaluation of an ethanol extract of *Achyranthes aspera* (agadha) in animal models of Nociception. *International Journal of Phytomedicine* 2 : 440-445.
28. UA Bhosale, R Yegnanarayan, P Pophale, M Zambare, **RS Somani** (2010). Antinociceptive screening of an Eethanol extract of *Achyranthes aspera* (Agadha): A preliminary study. *Inventi Rapid Ethnopharmacology* 1(2).
29. Mandar R. Zambare, Uma A. Bhosale, **R.S. Somani**, Radha Yegnanarayan, Karuna A. Talpate (2010). Antinociceptive evaluation of an ethanol extract of *Achyranthes aspera* (agadha) in animal models of Nociception. *Inventi Rapid Ethnopharmacology* 1(3).
30. Chudiwal Arkesh, Shah Parth, Jain Dilpesh, **Somani Rahul** (2009). Evaluation of antinociceptive and anti-inflammatory activity of *Alpinia galanga* In experimental animals. *International Journal of Pharmacology and Biological Sciences* 3 (3): 25-32.
31. Sunetra Patwardhan, Prashant Vadnal, Abhay Kumar Singhai, **Rahul Somani** (2009). Studies on hepatoprotective activity of ethanolic extract of *Cassia fistula* bark against CCl₄ induced hepatic damage in wistar rats. *Pharmacologyonline* 2: 50-63.
32. Sunetra Patwardhan, Ghansham Sakhare, Abhay Kumar Singhai, Kishor Jain, **Rahul Somani** (2009). Evaluation of analgesic activity of *Cassia fistula* on albino mice. *Pharmacologyonline* 2: 887-893.
33. GP Vadnere, RS.Gaud, AK Singhai , **RS Somani** (2009). Effect of *Inula racemosa* root extract on various aspects of asthma. *Pharmacologyonline* 2: 84-94.
34. J. B. Bariwal, A. K. Shah, M. K. Kathiravan, **R. S. Somani**, J. R. Jagtap and K. S. Jain (2008). Synthesis and Antiulcer Activity of Novel Pyrimidylthiomethyl- and Pyrimidylsulfinylmethyl Benzimidazoles as Potential Reversible Proton Pump Inhibitors Accepted for publication in *Indian Journal of Pharmaceutical Education and Research* 42(3).

35. **R.S. Somani**, A.K. Singhai (2008). Hypoglycaemic and hypolipidemic effect of *Zingiber officinale* on normal and diabetic rats. *Recent Progress in Medicinal Plants*, Vol 22, Phytopharmacology and Therapeutic Values IV, Studium Press LLC, USA, p.171-179.
36. **R.S. Somani**, A.K. Singhai (2008). Hypoglycaemic and antidiabetic activities of seeds of *Myristica fragrans* in normoglycaemic and alloxan-induced diabetic rats. *Asian Journal of Experimental Sciences* 22(1): 95-102.
37. **Rahul S. Somani**, Kishor S. Jain, Abhay K. Singhai (2007). Hypoglycaemic activity of roots of *Rubia cordifolia* in normal and diabetic rats. *Pharmacologyonline* 1: 162-169.
38. Gautam P. Vadnere, **Rahul S. Somani**, Abhay K. Singhai (2007). Studies on antiasthmatic activity of aqueous extract of *Clerodendron phlomidis*. *Pharmacologyonline* 1: 487-494.
39. Trupti. Chitre, Pravin Bhutada, K. Nandakumar, **Rahul Somani**, Pankaj Miniyar, Yogita Mundhada, Sumati Gore, Kishor Jain (2007). Analgesic and anti-inflammatory activity of heartwood of *Aquilaria agallocha* in laboratory animals. *Pharmacologyonline* 1: 288-298.
40. **Rahul Somani**, Sanjay Kasture, Abhay Kumar Singhai (2006). Antidiabetic potential of *Butea monosperma* in rats. *Fitoterapia* 77(2); 86- 90.
41. Neeti N. Jain, C.C. Ohal, S.K. Shroff, R.H. Bhutada, **R.S. Somani**, V.S. Kasture, S.B. Kasture (2003). *Clitoria ternatea* and the CNS. *Pharmacology Biochemistry Behaviour* 75: 529-536.
42. S.D. Chintawar, **R.S. Somani**, Veena S. Kasture, S.B. Kasture (2002). Nootropic activity of *Albizia lebeck* in mice. *Journal of Ethnopharmacology* 81;299-305.
43. **Rahul S. Somani**, Veena S. Kasture, Sanjay B. Kasture (1999). Haloperidol inhibits (-) Bicuculline -induced seizures and Bicuculline potentiates Haloperidol- induced catalepsy in mice. *Indian Journal of Pharmacology* 31: 434-436.
44. A.D. Bhatwadekar, S.D. Chintawar, N.A. Logade, **R.S. Somani**, Veena S. Kasture, S.B. Kasture (1999). "Antistress activity of *Butea monosperma* flowers". *Indian Journal of Pharmacology* 31;153-155.

Review Papers

1. Gautam P. Vadnere, **Rahul S. Somani**, Abhay Kumar Singhai, Parag K. Waghulade (2012). Medicinal plants used in traditional treatment of asthma: an updated ethnopharmacological review. *Inventi Impact: Ethnopharmacology* Article ID- Inventi:pep/480/11.
2. AS Shaikh, **RS Somani** (2010). Animal models and biomarkers of neuropathy in diabetic rodents. *Indian Journal of Pharmacology* 42(3);129-134.
3. AK Chudiwal, DP Jain, **RS Somani** (2010). *Alpinia galanga* Linn. An overview on phyto-pharmacological properties. *Indian Journal of Natural Products and Resources* 1(2):143-149.
4. **Rahul Somani**, Sayali Karve, Dilpesh Jain, Kishore Jain, Abhay Kumar Singhai (2008). Phytochemical and Pharmacological potential of *Myristica fragrans* Houtt: A Comprehensive Review. *Pharmacognosy Reviews* 2(4) 68-77.
5. Kishor S. Jain, M.K. Kathiravan, **Rahul S. Somani**, Chamanlal J. Shishoo (2007). The biology and chemistry of Hyperlipidemia. *Bioorganic and Medicinal Chemistry* 15(14): 4674-4699.
6. Harshwardhan Mishal, **Rahul Somani** (2002). Herbal Antibacterials. *Hamdard Medicus* XLIII (4): 109-112.

Published Abstracts

1. Patil DG, Soni RM, Sahane RS, Singhai AK, **Somani RS**. Effect of herbomineral formulation (Hyponidd tablets) on STZ– induced early diabetic neuropathy in rats. Poster presented at International Conference organized by Indian Pharmacological Society, Hyderabad, (13th -16th December 2010).
2. Ansari AA, Andhare RN, Jain KS, Naik SR, **Somani RS**. Evaluation of antiallergic and antianaphylctic activity of *Sansevieria trifasciata* in experimental animals. Poster presented at International Conference organized by Indian Pharmacological Society, Hyderabad, (13th -16th December 2010).
3. Niture NT, Durkar AM, Naik SR, **Somani RS**. To evaluate antihyperlipidemic activity of ethanolic extract of *Symplocos racemosa* in high fat fed diet. Poster presented at International Conference organized by Indian Pharmacological Society, Hyderabad, (13th -16th December 2010).
4. Aher NF, Khalate VD, Jain DP, Jain KS, Singhai AK, **Somani RS**. Effect of herbal formulation KARNIM on diabetes associated depression in experimental animals. 43rd Annual Conference of IPS (2010), Hyderabad.
5. Jain D.P, Wakchaure DG, Shende VM, Singhai AK, **Somani RS**. Therapeutic effect of *Symplocos racemosa* bark against carbon tetrachloride induced hepatic damage in rat. Poster presented at International Conference organized by Indian Pharmacological Society, Hyderabad, (13th -16th December 2010).
6. **Somani RS**, ZambareMR, SinghaiAK. Potential of *Achyranthes aspera* in diabetic wound healing. Poster presented at International Conference organized by Indian Pharmacological Society, Hyderabad, (13th -16th December 2010).
7. Gejage JP, Mirza AB, Jain DP, Jain KS, Naik SR, **Somani RS**. Effect of herbomineral formulation (DOLABI) on early diabetic nephropathy in experimental animals. Poster presented at International Conference organized by Indian Pharmacological Society, Hyderabad, (13th -16th December 2010).
8. Getam AJ, Deshmukh JU, **Somani RS**, Naik SR. Effect of herbal formulation on pharmacokinetics and pharmacodynamics of glibenclamide in alloxan induced diabetic animals. Poster presented at Anant Poster Presentation Competition 2011, Bhor, Pune (8th -9th January 2011).
9. Namdeo B, Ginode AR, **Somani RS**, Patil D, Gautam N, Gairola S, Interaction of *Withania somnifera* and metformin on Pharmacokinetic and pharmacodynamic parameter in alloxan induced diabetic rats. Poster presented at Anant Poster Presentation Competition 2011, Bhor, Pune (8th -9th January 2011).
10. **Somani RS**, Jain KS, Singhai AK. Antidiabetic potential of *Achyranthus aspera* in alloxan- induced diabetic rats. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
11. Jain DP, Sakhare GR, Naik SR, Jain KS, **Somani RS**. Lipid lowering effect of *Thespesia populnea* bark in triton induced hyperlipidemic rats. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
12. Andhare RN, Bhagat SL, Naik SR, Jain DP, Singhai AK, **Somani RS**. Antiallergic and antianaphylctic activity of *Zizyphus jujube* Mill. fruits in experimental animals. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
13. Deshmukh JU, Gawali VB, Jain DP, Naik SR, **Somani RS**. Study On Pharmacokinetic Interaction Of Herbomineral Formulation (Dolabi) With Metformin. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
14. Durkar AM, Sakhare GR, Naik SR, **Somani RS**. Antihyperlipidemic Activity Of Ethanolic Extract Of *Thespesia Populnea* Bark In High Fat Fed Diet. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
15. Ginode AR, Shivgunde PP, Jain DP, Singhai AK, **Somani RS**. Effect of *Asparagus racemosus* on STZ-induced early diabetic nephropathy in experimental animals. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
16. Zambare MR, Chudiwal AK, Talpate KA, Jain DP, Jain KS, **Somani RS**. Effect of *Alpinia galanga* on serum glucose level in alloxan induced diabetic rats and glucose utilization by isolated rat hemidiaphragm . Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
17. Talpate KA, Bansode RL, Zambare MR, Jain KS, **Somani RS**. *Tinospora cordifolia* attenuates diabetes-induced cognitive decline in experimental animals. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).

18. Wakchaure DG, Vadnal Py, Jain DP, Jain KS, Singhai AK, **Somani RS**. Prophylactic hepatoprotective effect of *Clitoria ternatea* leaves against carbon tetrachloride induced hepatic damage in rats. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
19. Khalate VD, Bhapkar HS, Jain DP, Sahane RS, Singhai AK, **Somani RS**. Effect of *Asparagus racemosus* on diabetes- induced depression in experimental animals. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
20. Soni RM, Shaikh AS, Jain KS, Jain DP, Shende VS, **Somani RS**. Studies on prokinetic activity of herbomineral formulation (Dolabi) in STZ- induced diabetic rats. Poster presented at International Conference organized by Indian Pharmacological Society, Kolkata, (10th -12th December 2009).
21. **Somani RS**, Singhai AK. Effect of roots of *Rubia cordifolia* in Streptozotocin-Nicotinamide induced Type-II diabetes mellitus. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
22. Bansode RL, Bhapkar HS, Jain KS, Singhai AK, **Somani RS**. Effect of *Tinospora cordifolia* (Guduchi) on diabetes induced memory deficit in rats. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
23. Bhapkar HS, Bansode RL, Jain DP, Singhai AK, **Somani RS**. Antidepressant effect of roots of *Asparagus racemosus* on diabetes - induced depression in rats. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
24. Shivgunde PP, Shah P, Jain DP, Singhai AK, **Somani RS**. Antinociceptive activity of ethanolic extract of rhizomes of *Alpinia galanga*. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
25. Chudiwal AK, Jain DP, Jain KS, Singhai AK, **Somani RS**. Antidiabetic potential of rhizomes of *Alpinia galanga* in alloxan- induced diabetic rats. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
26. Shaikh AS, Gawali VB, Singhai AK, **Somani RS**. Evaluation of herbomineral preparation (Dolabi) in diabetic neuropathy. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
27. Sakhare GR, Vadnal PY, Patwardhan SK, Singhai AK, **Somani RS**. Antinociceptive activity of ethanolic extract of bark of *Cassia fistula*. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
28. Vadnal PY, Sakhare GR, Patwardhan SK, Singhai AK, **Somani RS**. Evaluation of hepatoprotective activity of ethanolic extract of bark of *Cassia fistula*. Poster presented at International Conference organized by Indian Pharmacological Society, AIIMS, New Delhi (18th -20th December 2008).
29. **Somani R.**, Vadnere G., Jain K., Singhai A.K. "Effect of *Rubia cordifolia* on blood glucose level and glucose utilization by isolated rat hemidiaphragm". Presented at 39th Annual Conference of Indian Pharmacological Society, Jaipur, 21st -23rd December, 2006.
30. Vadnere G., **Somani R.**, Singhai A.K. "Antiasthmatic potential of aqueous extract of *Cassia occidentalis*". Presented at 39th Annual Conference of Indian Pharmacological Society, Jaipur, 21st to 23rd December, 2006.
31. Rochani A., Desai J., **Somani R.**, Jain K., Singhai A.K. Presented at 39th Annual Conference of Indian Pharmacological Society, Jaipur, 21st -23rd December, 2006.
32. **Somani R.S.**, Vadnere G.P., Jain K.S., Singhai A.K. "Hypoglycemic and antidiabetic activity of seeds of *Myristica fragrans* in normoglycemic and alloxan- induced diabetic rats". Presented at British Pharmaceutical Conference & Exhibition 2006, Manchester, 4th -6th September, 2006.
33. Vadnere G.P., **Somani R.S.**, Singhai A.K. "Studies on antiasthmatic activity of aqueous extract of *Clerodendron phlomis*". Presented at British Pharmaceutical Conference & Exhibition 2006, Manchester, 4th -6th September, 2006.
34. Jain K.S., Kale A.P., Jagtap J.R., Veer V.S., Deodhar M.N., Bhosale A.V., **Somani R.S.** "Design, synthesis and biological Evaluation of Novel pyrimid-indomethylsulfinyl & sulfinylmethyl benzimidazole as potential reversible proton pump inhibitors (PPI's)". Received first prize for oral presentation at 58th Indian Pharmaceutical Congress, Mumbai, 1st -3rd December, 2006.
35. **Somani R.S.**, Vadnere G.P., Jain K.S., Singhai A.K. "Effect of *Zingiber officinale* on blood glucose level and glucose utilization by isolated rat hemidiaphragm". Presented at 58th Indian Pharmaceutical Congress, Mumbai, 1st -3rd December, 2006.

36. Chitre T.S., **Somani R.S.**, Jain K.S. "Analgesic and antiinflammatory activity of heartwood of *Aqualaria agallocha* in laboratory animals". Presented at 11th Annual National Convention of APTI, Bangalore, 1st -3rd September 2006.
37. Jain K.S., Chitre T.S., Phoujdar M., Patil D.A., Veer V.S., Deodhar M.N., **Somani R.S.** "Novel synthesis of Prazocin analogs using Microwave assisted organic reaction enhancement (MORE)". Presented at 57th Indian Pharmaceutical Congress, Hyderabad, 2nd -4th December, 2005.
38. **Somani R.S.**, Singhai A.K., Kasture S.B., Jain K.S. "Antidiabetic potential of ethanolic extract of *Coldenia procumbens* in normal and diabetic rats". Presented at 57th Indian Pharmaceutical Congress, Hyderabad, 2nd -4th December, 2005.
39. **Somani R.S.**, Marathe M., Singhai A.K., Jain K.S. "Antihyperglycaemic and Antinociceptive effect of nutmeg extract in diabetic animals". Presented at National Seminar on Emerging Trends in Ethnopharmacology, Bagalkot, 12th -13th November, 2005.
40. **Somani R.S.**, Paranjpe M., Singhai A.K., Jain K.S. "Antidiabetic potential of ethanolic extract of *Coldenia procumbens* in normal and diabetic rats". Presented at National Seminar on Emerging Trends in Ethnopharmacology, Bagalkot, 12th -13th November, 2005.
41. **Somani R. S.**, Kasture S. B. " Antihyperglycaemic activity of rhizomes of *Curcuma Longa*". Presented at 37th Annual Conference of the Indian Pharmacological Society, Kolkata, 14th -16th January, 2005.
42. **Somani R.S.**, Kasture S. B. "Antidiabetic and other related effects of *Zingiber officinale*" Presented at 20th Congress of Federation of Asian Pharmaceutical Association (FAPA), Bangkok, Thailand, 30th November to 3rd December, 2004.
43. **Somani R.S.**, Kasture S.B. "Antihyperglycaemic activity of roots of *Rubia cordifolia*". Presented at National level Conference on Herbal Pharmaceutical Entrepreneurship Development, Coimbatore, 20th -30th October, 2004.
44. **Somani. R.S.**, Kasture S.B. "Antihyperglycaemic and other related effects of *Zingiber officinale*". Presented at 9th International Congress of Ethnobiology, University of Kent, Canterbury, UK, 13th -17th June, 2004.
45. **Somani R.S.**, Kasture S.B., Desai A.S. " Effect of different extract of flowers of *Butea monosperma* in normal and diabetic rats". Presented at National Seminar on Environment Management and its Impact on National Development, Birla College of Arts, Science and Commerce, Kalyan, 28th-29th February, 2004.
46. **Somani R.S.**, Kasture S.B. " Antihyperglycaemic and Hypolipidaemic effects of fruits of *Myristica fragrans* in normal and diabetic rats". Presented at 36th Annual Conference of the Indian Pharmacological Society, New Delhi, 5th-7th December, 2003.
47. **Somani R.S.**, Bairagi V.A., Kasture V. S., Kasture S.B "Inhibition of Trimyristine- induced depression by antidepressants". Presented at National convention on Current Trends in Herbal Drugs and Annual Conference of Indian Society of Pharmacognocny, Gandhinagar, 17th -18th January, 2003.
48. Shinde V.M., Singhanian S.S., **Somani R.S.**, Kasture S.B., Pal S.C. Antitibacterial and Antifungal activity of essential oil and Decoction of *Michelia champaca* leaves". Presented at National convention on Current Trends in Herbal Drugs and Annual Conference of Indian Society of Pharmacognocny, Gandhinagar, 17th -18th January, 2003.
49. Jawale P.P., **Somani R.S.**, Pal S.C., Kasture V. S., Kasture S.B." Preliminary Pharmacological Investigations of *Achras Sapota* Linn". Presented at National convention on Current Trends in Herbal Drugs and Annual Conference of Indian Society of Pharmacognocny, Gandhinagar, 17th -18th January, 2003.
50. Bhutada R. H., **Somani R.S.**, Pal S.C., Kasture V.S., Kasture S.B." Effects of Shankhpushpi preparation on Acetaldehyde and PTZ induced convulsions". Presented at 54th Indian Pharmaceutical Congress, Pune, 13th-15th December 2002.
51. Ahuja M., **Somani R.S.**, Bodhake S.H., Kasture S.B. "Impact of Refresher course in Pharmacy". Presented at 54th Indian Pharmaceutical Congress, Pune, 13th-15th December 2002.
52. **Somani R.S.**, Bhatwadekar A.D., Chintawar S.D., Logade N.A., Kasture V.S., Kasture S.B. "To investigate the antistress activity of water soluble part of ethanolic extract of *Butea monosperma* on water immersion stress induced ulceration, elevation of serotonin in brain and corticosterone in plasma in rats". Presented at National Conference on Plant Drugs: An Interdisciplinary Approach, Pune, 27th -29th January, 1999.
53. **Somani R.S.**, Bhatwadekar A.D., Chintawar S.D., Logade N.A., Kasture V.S., Kasture S.B. "To investigate the antistress activity of water soluble part of ethanolic extract of *Butea monosperma* on water immersion stress induced ulceration, elevation of serotonin in brain and corticosterone in plasma in rats". Presented at 50th Indian Pharmaceutical Congress, Mumbai, 10th -13th December, 1998.

Research Grants

1. Chief Investigator for University of Pune sponsored project entitled, "A comparative evaluation of some blood glucose lowering agents of plant origin" (2007) **(2 lakhs)**.
2. Co- Investigator for University of Pune sponsored project entitled, "Rationale design, synthesis and biological evaluation of novel analogs of prazosin as selective α_1 - adrenoceptor antagonists and development of a new alternative, facile, eco-friendly, high yield synthetic process for prazosin and its existing drug analogs" (2006) **(3 lakhs)**.
3. Co- Investigator for University of Pune sponsored project entitled, "Pharmacognostic and pharmacological screening of Cassia fistula for hepatoprotective, hypoglycemic and analgesic activities" (2006) **(1 lakh)**.
4. Chief Investigator for AICTE, New Delhi sponsored project entitled, "Studies on antidiabetic activity of some Indian Medicinal Plants"(2002) **(9 lakhs)**.

M. Pharm Dissertation Guided

1. Screening of saponins of *Achyranthes aspera* in diabetic wound healing in rats (2011).
2. Effect of rutin on streptozotocin induced diabetic hypertension in rats (2011).
3. Effect of herbomineral formulation Hyponidd on diabetes associated depression in experimental animals (2011).
4. Effect of saponins of *Asparagus racemosus* on early diabetic nephropathy in rats (2011).
5. Effect of rutin on early diabetic neuropathy in experimental animals (2011).
6. Effect of *Semecarpus anacardium* seeds on diabetes induced cognitive decline in experimental animals (2011).
7. Involvement of inflammatory and other cellular markers in type II diabetes mellitus: Embelin an effective modulator (2011) (as Co-Guide).
8. Effect of herbomineral formulation (Shakrino) on early diabetic nephropathy in rats.
9. Involvement of inflammatory and other cellular markers in type II diabetes mellitus: Rutin an effective modulator (2011) (as Co-Guide).
10. Bioequivalence and bioavailability study in human subject of antiepileptic drug; comparison between phenytoin and dilantin (2011) (as Co-Guide).
11. Interaction of herbal extract and metformin on pharmacokinetic and pharmacodynamic parameters in alloxan induced diabetic animals (2010).
12. Effect of herbal formulation (*Karnim plus*) on diabetes induced depression in experimental animals (2010).
13. Effect of herbomineral formulation (*Hyponidd tablets*) in early diabetic neuropathy in experimental animals (2010).
14. Effect of *Clitoria ternatea leaves* on diabetes induced cognitive decline in experimental animals (2010).
15. Hepatoprotective effect of *Symplocos recemosa* bark against carbon tetrachloride induced hepatic damage in rats (2010).
16. Potential of *Achyranthes aspera* on diabetic wound healing (2010).
17. Effect of herbomineral formulation (*Dolabi*) in early diabetic nephropathy in experimental animals (2010) (as Co-Guide).
18. Effect of herbal formulation on pharmacokinetic and pharmacodynamic parameters of metformin in alloxan induced diabetic animals (2010) (as Co-Guide).
19. To Evaluate antihyperlipidemic and antioxidant activities of the ethanolic extract of *Symplocos recemosa* in experimental animals (2010) (as Co-Guide).
20. Study of antiallergic and antianaphylactic activities of ethanolic extract of *sansevieria trifasciata* on experimental animals (2010) (as Co-Guide).
21. Effect of *Tinospora cordifolia* on diabetes induced cognitive decline in experimental animals (2009).
22. Antiallergic and antianaphylactic activities of *Zizyphus jujuba* Miller Fruits on experimental animals (2009) (as Co-Guide).
23. Effect of *Asparagus racemosus* on diabetes induced depression in experimental animals (2009).
24. To study the antidiabetic potential of *Alpinia galanga* in alloxan induced diabetes (2009).

25. To study the effect of herbomineral formulation on pharmacokinetic and pharmacodynamic parameters of metformin in alloxan induced diabetic animals (2009) (as Co-Guide).
26. Antihyperlipidemic and antioxidant activities of the ethanolic extract of *Thespesia populnea* bark in experimental animals (2009) (as Co-Guide).
27. Effect of herbomineral formulation on early diabetic neuropathy in experimental animals (2009).
28. Effect of *Asparagus racemosus* on STZ induced early diabetic nephropathy in experimental animals (2009).
29. Evaluation of hepatoprotective activity of *Clitoria ternatea* leaves (2009).

B. Pharm Projects Guided

1. "Safety of metformin in diabetes mellitus" (2010).
2. "Diet and meals in management of diabetes" (2010).
3. "A review on immunology in diabetes" (2009).
4. "A review on gestational diabetes" (2009).
5. "A review on diabetes induced depression" (2008).
6. "A study of adverse drug reactions reporting in India" (2008).
7. "A review on diabetic neuropathy" (2007).
8. "A review on diabetic nephropathy" (2007).
9. "A review on diabetic retinopathy" (2007).
10. "A review on recent hypoglycemic agents" (2007).
11. "A herbal approach to antidiabetic therapy- An updated review" (2006).
12. "Advances in Antidiabetic treatment- An updated review" (2006).
13. "A herbal approach to antiasthmatic therapy- An updated review" (2006).
14. "A herbal approach to antiulcer therapy- An updated Review" (2006).
15. "Irrational drug combinations- An updated review" (2006).

Seminar/ SDP Co-ordination

1. Co-ordinated University of Pune sponsored three day National seminar on "Behavior, Brain Systems and Preclinical Evaluation" at Sinhgad College of Pharmacy, Pune-41 from 14th to 16th February 2011.
2. Co-ordinated University of Pune sponsored one day seminar on "Recent trends in Diabetes research: Laboratory to Clinic" at Sinhgad College of Pharmacy, Pune-41 on 24th November 2008.
3. Co-ordinated AICTE sponsored National level two weeks Staff development Programme on "Techniques and Methods in New drug Discovery Research" at Sinhgad College of Pharmacy, Pune-41 from 17th April to 29th April 2006.
4. Coordinated a state level seminar on "Green Chemistry" at Sinhgad College of Pharmacy, Pune-41 on 26th November 2005.

Dr. R. S. Somani

Date: / /2017