#### Curriculum Vitae

**Dr. SUDHARSHAN REDDY DACHANI**, M.Pharm., Ph.D., PGDIPRL.

#### Assistant Professor of Pharmacology & Clinical Pharmacy,

College of Pharmacy, Shaqra University, P.o. Box -33, Shaqra-11911,

Al-Dawadmi Campus, Saudi Arabia - 11961

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Google Scholar: https://scholar.google.co.in/citations?user=Q3FuG-EAAAAJ&hl=en

[linkedin.com/in/dr-sudharshan-reddy-dachani-5aa6304a](https://www.linkedin.com/in/dr-sudharshan-reddy-dachani-5aa6304a)

Research Gate: <https://www.researchgate.net/profile/Dachani-Reddy/2>

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https://www.su.edu.sa/en/faculty-members-209

A highly innovative, forward-thinking, enthusiastic, and collaborative academician/Researcher with +17 years of expertise in pharmacology and clinical pharmacy. My areas of expertise are drug discovery and the development of metabolic disorders and its complications (Diabetes & Obesity). I have worked on a number of projects in the areas of Pharmacology (*In-Vivo*, PK & PD), Toxicology, Preclinical/Clinical R&D, Clinical pharmacy, Pharmacovigilance and drug safety. I have experience working in fast-paced, dynamic team environments and have a strong background in Pharmacology & Clinical Pharmacy, Diabetes and metabolic disorders and its complications, Scientific medical writing skills. I have also played in the NCAAA and frequently take on leadership roles when necessary.

**Experience:** 17 Years(9.5 Years **Post Ph.D.** & 8.5 Years **Post PG** in Academic/ Research/Clinical Rotation)

#### Associate Professor of Pharmacy Practice and Pharmacology, College of Pharmacy, Shaqra University, Al-Dawadmi Campus, Saudi Arabia-11961 (Since 17th Sept-2017)

1. **Associate Professor & Head,** Department of Pharmacy Practice**,** K.V.K. College of Pharmacy/ JNTU, Hyderabad-501512, India (1.07.2015-31.08.2017)
2. **Associate Professor & Head,** Department of Pharmacology, Netaji Institute of Pharmaceutical Sciences/JNTU, Hyderabad-500085, India (1.1.2015-30.06.2015)
3. **Associate Professor & Head,** Department of Pharmacology, Smt. Sarojini Ramulamma College of Pharmacy/ Palamuru University, MBNR-509001, India (1.06.2013-31.12.2014)
4. **Assistant Professor,** Department of Pharmacology, Nizam Institute of Pharmacy & Research Center/ JNTU, Hyderabad-500085, India (2.01.2008-31.05.2013)

**Research Experience:**

* Served as the Technical Director for the Pharmacology & Toxicology Department at “**NISHKA Scientific & Reference Laboratories”,** Hyderabad, India. (**2009-2015)**
* Head,PharmD Clinical Rotation, Asian Institute of Gastroenterology, (1.07.2015-31.08.2017)
* Serving as the Technical Director for the **Pranathi Herbals PVT Ltd,** INDIA-508207

**Education:**

* **Ph.D., (Pharmaceutical Sciences)**  **2015**

Thesis title: **“**Pharmacological and Phytochemical Screening of Selected Medicinal Plants for Anti-Diabetic and Anti-oxidant Activity on Animal Models.”

Jawaharlal Nehru Technological University, Hyderabad (JNTUH)- 500085, Telangana, India

* **PG Diploma in Intellectual Property Rights (PGDIPR)., 2009**
* Faculty of Law, Osmania University, Hyderabad, Telangana-500001, India
* **M. Pharm., (Pharmacology) 2007**

Thesis title: “Pharmacological Screening of *Holostemma annularis K. Schum* Roots for Anti-Diabetic Property”. H.S.K. College of Pharmacy, Bagalkot, Rajiv Gandhi University of Health Sciences (RGUHS), Bangalore-560041, Karnataka, India

* **B. Pharm., (Bachelor of Pharmacy) 2005**

Jawaharlal Nehru Technological University, Hyderabad (JNTUH)- 500085, Telangana, India

* **D. Pharm.,** **2000**

V.L. College of Pharmacy, Raichur, Board of Examing Authority, Karnataka, India-584103

**Research Grants and Fellowships:2**

1. **Title of the Research Project: “**Pharmacological Screening of Herbal Formulation for Lung Inflammation and Wound healing activity in an Experimental Animal Models” Grant Agency: Annual Research Funding Program 2023" Deanship of Scientific Research (DSR) Project No: **SU-ANN- 2023032**, Shaqra University, KSA (2023-2024) Grant Amount: (20,000/- SAR) **Role**: As a Principal Investigator **(PI)**
2. **Title of the Research Project:** “Pharmacological Effects of Date Palm (Phoenix Dactylifera L) on Lipopolysaccharide- Induced Sickness Behavior and Anhedonia in *Wistar* Rats”. Grant agency:(Institutional Funding for Project: **IFP-2021-078**) SU-DSR, Deputyship for Research & Innovation MOHE, KSA (2021-2022) Grant Amount: (1,00,000/- SAR) **Role**: As a Co-Principal Investigator **(Co-PI)**

**UK Design Patent:**

1. Ho Viet Hieu, **Dr.Sudharshan Reddy Dachani**, Faisal Faihan Alotaibi, Dr.Yaswanthi Yanamadala, Sadhana Ramesh Shahi, Dr.Dinesh Kumar Agarwal, Haritha Polimati, Dr.Yeramanchi Sarah Sujitha, Ms Kiruba Mohandoss. “Apparatus for Prediction of Analgesic and Anti-Inflammatory activity of Synthetic Intermediates”. **UK Design Number-6391743/PublicationDate-26/September/2024**-Certificate of Registration for a **UK Design**) <https://www.registered-design.service.gov.uk/find/6391743>

**Book Chapters**

1. Yasodha Krishna Janapati, Sunil Junapudi and **Sudharshan Reddy Dachani.** Optimization of Diabetes by Herbal Medicine**.** Technological Innovation in Pharmaceutical Research *(*[*BP International*](http://www.bookpi.org/)*).*Vol.6, Published:10-6-2021, Page 1-18**;** <https://doi.org/10.9734/bpi/tipr/v6/2277E>, eBook ISBN:978-93-91215-87-3;
2. Yasodha Krishna Janapati, Sunil Junapudi and **Sudharshan Reddy Dachani.** Overview of Nano-Strategies for Combating Cancer.February, 2021. DOI: 10.4018/978-1-7998-5049-6.ch012, <https://www.igi-global.com/chapter/overview-of-nano-strategies-for-combating-cancer/273542> Pages:21, Published by *IGI Global***.** ISBN10: 1799850498
3. Dinesh Kaushik, Sushmitha B, Bavana Kapoor, **Sudharshan Reddy Dachani**, Prasanthi Pakalapati, Shankar Lal Soni, Kunal Kaushik. “Targeting hope: Nanotech in Cancer Therapy”. (***Bentham Science*)**.

**Books:** **Sudharshan Reddy Dachani.** G protein-coupled receptors (GPCRs) Dynamics: Unravelling the

Complex Web of Signal Transduction. (Communicated: *Springer Nature*)

***High-Quality Scientific Publishing Funding Program support from Shaqra University:***

**Sudharshan Reddy Dachani**, Mohammed Kaleem, Md. Ali Mujtaba, Nilesh Mahajan, Sayyed E. Ali, Ali F Almutairy, Danish Mahmood, Md. Khalid Anwer, Mohammad Daud Ali, and Sanjay Kumar. A Comprehensive Review of Various Therapeutic Strategies for the Management of Skin Cancer. *ACS Omega,* February 23, 2024. <https://doi.org/10.1021/acsomega.3c09780>

**Research Papers Published in Scientific and Peer-Reviewed Journals:**

1. **Dachani, S. R.,** Vashi, A., Mundada, A. B., Mundada, P. A., Rudrangi, S. R. S., Rudrangi, S., & Tiwari, R. (2024). “Innovative Polymers in Pharmaceutical Chemistry: Revolutionizing Drug Delivery Systems.”  *Polymer-Plastics Technology and Material****s***, 1–23. Taylor & Francis online. <https://doi.org/10.1080/25740881.2024.2440531>.
2. **Sudharshan Reddy Dachani**, Mohammed Kaleem, Md. Ali Mujtaba, Nilesh Mahajan, Sayyed E. Ali, Ali F Almutairy, Danish Mahmood, Md. Khalid Anwer, Mohammad Daud Ali, and Sanjay Kumar. A Comprehensive Review of Various Therapeutic Strategies for the Management of Skin Cancer. *ACS Omega.* February 23, 2024. <https://doi.org/10.1021/acsomega.3c09780>
3. **Sudharshan Reddy Dachani,** Bharath Kumar Kakkireni, Shiva Krishna Devulapally, Srinivas Chary Devulapally, Satya Sai Devulapally, Prasanna Mohana Bhaskaran, Bandar Saeed Almutairy, Narasaiah Kolliputi. Evaluating the Effectiveness of CELL REZEN in Treating Diabetic Lower Limb Cellulitis and Ulcer: A Case Report. *Frontiers in Clinical Diabetes and Healthcare, (Section: Diabetes Multiorgan Complications)* Manuscript ID: 1529118
4. **Sudharshan Reddy Dachani1**, Shiva Krishna Devulapally, Srinivas Chary Devulapally, Satya Sai Devulapally, Thippeswamy Boreddy Shivanandappa**.** Polyherbal Formulation (Re Cell Heal) Ameliorates LPS- Induced Acute Lung Injury and Sickness Behavior in rats by Attenuating oxidative stress and proinflammatory cytokines.*Advances in Pharmacological and Pharmaceutical Sciences* **(Manuscript ID:8841450)**
5. **Sudharshan Reddy Dachani,** Rishikesh Shukla, Bharath Kumar Kakkireni, Shreyas Sadineni, Balla Sai Mrudula, Ramesh Malothu. "Message Passing Neural Network Based Prediction of Site-Specific Stable Mutants in Wild Type CFTR Protein”. *Indian Journal of Biochemistry and Biophysics (IJBB).* **Communicated on** 28-9-24 (Article Id: IJBB#804)"
6. **Sudharshan Reddy Dachani** "Heme Unleashed: NLRP12 Orchestrates PANoptosis in a Symphony of Cell Fate", which was submitted to *Cell Biochemistry and Biophysics* on 12 January 2025 UTC. **Submission ID**: c24a9e87-d89c-4b83-b8e8-f1a0485469ba
7. Sudharshan Reddy Dachani, Rishikesh Shukla, Bharath Kumar Kakkireni, Gokulakrishnan A, Ramesh Malothu, Vinod Kumar Yata. “Predicting Edema from Chest X-ray Images using Machine Learning models" **Current Trends in Biotechnology and Pharmacy.** Manuscript Ref. CTBP – A25/9051
8. Thippeswamy Boreddy Shivanandappa, Ghallab Alotaibi, Maheswari Chinnadhurai, **Sudharshan Reddy Dachani**, Mahmad Dabeer Ahmad and Khalid Abdullah Aldaajanii. "Unveiling the Cardiovascular-Guarding Secrets of Phoenix dactylifera: A Systematic review" **to Journal of Young Pharmacists.**
9. **Sudharshan Reddy Dachani**, Rishikesh Shukla, Bharath Kumar Kakkireni, Sai Mrudula Balla, Vinod Yata. Stable Mutant Identification in Bacteriophage T4 Lysozyme Using Message-Passing Neural Network. *Letters in Applied Nano Bio Science*. (**Manuscript ID**: lianbs-4238) Received: 7th June 2024
10. Thippeswamy Boreddy Shivanandappa, Ghallab Alotaibi, Maheswari Chinnadhurai, **Sudharshan Reddy Dachani**, Mahmad Dabeer Ahmad and Khalid Abdullah Aldaajanii. Phoenix dactylifera (Ajwa Dates) Alleviate LPS-Induced Sickness Behavior in Rats by Attenuating Proinflammatory Cytokines and Oxidative Stress in the Brain. Int. J. Mol. Sci. 2023, 24(13),10413;  <https://doi.org/10.3390/ijms241310413>
11. [Ghallab Hamoud Sinhat Alotaibi](https://sciprofiles.com/profile/2170601)., [Thippeswamy Boreddy Shivanandappa](https://sciprofiles.com/profile/2577995)., [Maheswari Chinnadhurai](https://sciprofiles.com/profile/2580003).,**Sudharshan Reddy Dachani**., [Mahmad Dabeer Ahmad](https://sciprofiles.com/profile/author/ejExc0JobDBBaWVXNTgrRkNQVGQrTFdRV3phcDAySDA4ZytSMWsrK0tOND0=) and [Khalid Abdullah Aldaajanii](https://sciprofiles.com/profile/author/TWhrOXY4aVROcGxGM1VJR3czQTRlVDFoVk9Zb3J6OUxtbloxYmtsVHBVST0=) “Phytochemistry, Pharmacology, and Molecular Mechanisms of Herbal Bioactive Compounds for Sickness Behaviour”. Metabolites**.** 2022, 12(12), 1215; https://pmc.ncbi.nlm.nih.gov/articles/PMC9782141/
12. Kulsoom, U., Salar,U., Sridevi Chigurupati, **Sudharshan Reddy Dachani** and Shahnaz Perveen. et al. Synthesis and Evaluation of aryl amino methylene substituted barbiturates and thiobarbiturates as novel α-amylase inhibitors and radical scavengers. *Monatsh Chem**(2022****).*** DOI: <https://doi.org/10.1007/s00706-022-02972-2>. 30 August 2022 by ***Springer Natur***
13. Tapan Behl, Dapinder Kaur, Aayush Sehgal, Sukhbir Singh, [Hafiz A.Makeen,](https://www.sciencedirect.com/science/article/pii/S0753332222001615#!) Ahmed AH.Abdellatif, **Sudarshan Reddy Dachani** and Simona Bungau*.*  Exploring the potential role of Rab5 protein in Endo-Lysosomal impairment in Alzheimer’s disease.*Biomedicine & Pharmacotherapy***;** <148>, (4) 2022, 112773*.* <https://doi.org/10.1016/j.biopha>.2022.112773.
14. Nitu L. Wankhede, Mayur B. Kale, Aman B. Upaganlawar, Milind J. Umekar, Tapan Behl, Prasanna Mohana Bhaskaran, **Sudarshan Reddy Dachani**, Involvement of molecular chaperone in protein-misfolding brain diseases. *Biomedicine & Pharmacotherapy***;** Volume147, March 2022,112647. ISSN:0753-3322. <https://doi.org/10.1016/j.biopha.2022.112647>.
15. Rao MS, Asad BS, Fazil M, **RD Sudharshan**, Rasheed S, Pradeep H, Aboobacker S, Thayyil A, Riyaz A, Mansoor M, Aleem M, Zeeyauddin K, Narasu ML, Anjum A, Ibrahim M. Evaluation of protective effect of Sapindus mukorossi saponin fraction on CCl4-induced acute hepatotoxicity in rats. *Clin Exp Gastroenterology***.** 2012; 5:129-137. doi: https://doi.org/10.2147/CEG.S29308. Epub 2012 Jul 17. PMID: 22888266; ISSN: 11787023
16. **Reddy Dachani**., Muchandi, I., Srinivasa, R., Pradeep, H., RaviKumar, K., Rao, M., & Ibrahim, M. (2010). Effect of *Holostemma annularis* on the progression of diabetes induced by a high fructose diet in rats and in diabetic C57BL/6J *ob/ob* mice. *Diabetes, Metabolic Syndrome and Obesity*, *3*, 87–94. <https://doi.org/10.2147/DMSO.S9099>
17. Pradeep HA, Khan S, Ravikumar K, Ahmed MF, Rao MS, Kiranmai M, **Dachani Sudhershan Reddy**, Ahamed SR, Ibrahim M. Hepatoprotective evaluation of Anogeissus latifolia: in vitro and in vivo studies. *World J Gastroenterol*. 2009 Oct 14;15(38):4816-22. DOI: https://dx.doi.org/10.3748/wjg.15.4816. PMID: 19824117; PMCID: PMC2761561. (Q1-1.43) ISSN: 10079327
18. [Prasanna Mohana Bhaskaran](https://www.phcogj.com/articles?f%5Bauthor%5D=5132), [Mohammed Nawar Alotaibi](https://www.phcogj.com/articles?f%5Bauthor%5D=5834),  [Inbaraj Susai Domnic](https://www.phcogj.com/articles?f%5Bauthor%5D=5129), [Bhaskaran Ashokan](https://www.phcogj.com/articles?f%5Bauthor%5D=5835), [**Sudharshan Reddy Dachani**](https://www.phcogj.com/articles?f%5Bauthor%5D=5836), [Semmal Syed Meerasa](https://www.phcogj.com/articles?f%5Bauthor%5D=5837) and [Osama Mohammed Alruways](https://www.phcogj.com/articles?f%5Bauthor%5D=5838). Hand Hygiene Awareness and Knowledge Among Healthcare Personnel in The Dawadmi Region of Saudi Arabia: A Cross- Sectional Survey Study. *Pharmacognosy Journal,* 2023,15(3),368-371. DOI**:** [10.5530/pj.2023.15.86](http://dx.doi.org/10.5530/pj.2023.15.86)
19. Vasanth S, Angara Ananya Shree, Jalak Bhat, Bala Gurivi Reddy Vemireddy, Vinod Kumar Reddy Bondu, Navanita Sivarama kumar, Shanker Kalakotla, **Sudharshan Reddy Dachani**. Role Of Herbal Nanotechnoloigy In Triple Negative Breast Cancer. *Journal of Pharmaceutical Negative Results*, 2913–2920. <https://doi.org/10.47750/pnr>. 2023.14.S02.343
20. **Sudharshan Reddy Dachani**, Satya Sai Devulapally, Shiva Krishna Devulapally, Srinivasa Chary Devulapally, Prasanna Mohana Bhaskaran,Yasodha Krishna Janapati ,Tamatam Sunilkumar Reddy, Shanker Kalakotla, Impact of Poly-Herbal Formulation (PHF) on the Outcome of Diabetic Foot Ulcer (DFU) with Osteomyelitis: A Case study. *Neuro Quantology* | October 2022 | Volume 20 | Issue 14 | Page 80-85 | Doi: 10.4704/nq.2022.20.14. NQ88011
21. **Sudharshan Reddy Dachani**. Wound Healing Efficacy of Re Cell Heal in a Diabetic Foot Infection Patient Diagnosed with Gas Gangrene – A Case Report. *Int J Diabetes Metab Disord***,** 2020. Vol.5, Issue 2, 02-March-2020: Pp 28-32.DOI: <https://doi.org/10.33140/ijdmd.05.02.01>
22. **Sudharshan Reddy Dachani**, Kenneth Nelson. Lipid Lowering Activity of a Polyherbal Formulation on Triton Wr-1339 (Tyloxapol) Induced Hyperlipidemia in *Wistar* Rats. Nephrotoxicity Induced Rats*.**Indo American Journal of Pharm Research*.2018;8 (4): 1053-1059.
23. Srinivasa Rao Avanapu, **Sudharshan Reddy Dachani**. Antihyperglycemic activity of *Holostemma annularis* K. Schum Root extracts in Streptozotocin-Induced diabetic *Wistar* rats. *Indo American Journal of Pharmaceutical Research****.*** 8 (4) 2018: Pp 1046-1052. ISSN No. 2231-6876.
24. **Sudharshan Reddy D**. *In-vitro* antioxidant and glucose uptake effect of *Trichodesma indicum* in L-6 cell line. Int J Pharm Bio Sci**.**2012 Oct; 3(4): Pp 810 – 819. ISSN 09756299.
25. **Sudharshan Reddy Dachani**.Free radical scavenging effect of *Trichodesma amplexicaule* against renal vascular complications in diabetic Rats. *International Journal of Phytomedicine***.** Vol 4: (2012); Pp 461-468. ISSN 09750185.
26. **Sudharshan Reddy D**. Preventive effect of *Anogeissus latifolia* in high fructose diet induced insulin resistance and metabolic dyslipidemia. *Journal of Natural Sciences Research***.** ISSN 2225-0921 (Online) Vol.2, No.7, 2012: Pp 48-55.
27. **Sudharshan Reddy D**.Anti-obesity effect of a polyherbal formulation in cafeteria and atherogenic diet induced obesity in rats. *Indo American Journal of Pharmaceutical Research***.** Vol.3, Issue 8, 2013: Pp6084-6093. ISSN No. 2231-6876.
28. **D. Sudharshan Reddy.** Evaluation of Total Phenolic Contents and AntiulcerogenicActivity of Root Bark of *Azadirachta Indica*. *Global Journal of Medical Research****.*** 2012; 12 (6)1. ISSN: 0975-5888.
29. **D. Sudharshan Reddy**.Preventive effect of *Momordica Cochinchinensis* (Lour). Spreng on High Fat diet and Along with Low Dose Alloxan Induced Diabetic Nephropathy and Insulin Resistance in Rats. *Indo American Journal of Pharmaceutical Research****.*** Vol.3, (12):2013. Pp 1540-1546.
30. **D. Sudharshan Reddy**. Pharmacological Evaluation of Hepatoprotective Activity of Ethanolic Extract of *Andrographis Lineata* Nees on Hepatotoxicity Induced Rats. *Int. J. of Allied Med. Sci. and Clin. Research.* Vol 2 (1) 2014 (1-6).
31. **D. Sudharshan Reddy**.Effect of Methanolic Extract of *Jasminum Grandiflorum* Linn. Leaves on Gentamicin Induced Nephrotoxicity in Rats. *Indo American Journal of Pharmaceutical Research***.** 2013: 3 (11). Pp 7642-7647.
32. **D. Sudharshan Reddy**. Antidiabetic Activity of *Acanthus Ilicifolius* Root Extract in Alloxan Induced Diabetic Rats. *Indo American Journal of Pharm Research***.** 2013; 3(11). Pp 9007-9012.
33. **D**. **Sudharshan Reddy.** “Evaluation of Antihyperlipidemic Activity of Methanolic Extract of *Glycosmis pentaphylla* on Experimentally Induced Hyperlipidemia in Albino Rats”. *Int J Pharm Bio Sci*2014 Oct;5(4) :(P) 627-633.
34. **D. Sudharshan Reddy**.Anti-Diabetic Activity of *Lygodium flexuosum* (L) Extract on Alloxan Induced Diabetic Rats. *Indo American Journal of Pharm Research****.*** 2014; 4 (11) (P) 5399-5405.
35. **D. Sudharshan Reddy**.Evaluation of Nephroprotective activity of Ethanolic Extract of *Chrysanthemum parthenium* flowers against Gentamicin Induced Nephrotoxicity. *Indo American Journal of Pharm Research.*2014;4(12) Pp (5720-5726)
36. **D. Sudharshan Reddy**. Role of ICH Guidelines in Pharmaceutical Quality Risk Management Review. *European Journal of Pharmaceutical and Medical Research***.** 2016; 3(7).
37. **D. Sudharshan Reddy**. Review of Regulatory Aspects Involved in Marketing Authorization of Medical Devices**.** *Journal of Advanced Pharmaceutical Research.* 2016; 7(3), 65-71.
38. **D. Sudharshan Reddy**. Comparative Study on Cosmetics Legislation in INDIA US and EU. *World Journal of Pharmacy and Pharmaceutical Sciences.* 2016; 5(6).
39. **D. Sudharshan Reddy**. Current Regulatory Aspects of Clinical Trials in India. *Journal of Advanced Pharmaceutical Research.* 2016; 7(3), Pp (56-64).
40. **D. Sudharshan Reddy**. Regulatory Aspects of Product Development Stages. *International Journal of Institutional Pharmacy and Life Sciences***.** 2016;6(3).

**Abstracts Published (International & National Conferences)/Plenary/Invited Talks**

1. I delivered a plenary talk on “Pharmacovigilance and Post-Market Surveillance” and presented an oral presentation at the 3rd International Conference on the Role of Science, Technology, Management, and Social Science in Viksit Bharat 2047, held from 9th January 2025 at Sant Gahira Guru Vishwavidyalaya (SGGU), Ambikapur, Chhattisgarh, India.
2. Delivered plenary talk on“Cellulitis of lower limb in a diabetic patient treated with Re Cell Heal: A Case Report” Endocrinology and diabetes research. 6:4 Presented Oral Presentationin *29th World Diabetes & Heart Experts Meet* 2020**,** June 23-24, 2020 in **Tokyo, Japan.** ISSN: 2470-7570
3. Delivered plenary talk on“Prevalence of childhood overweight, obesity and its affecting factors among mid-preparatory school children’s in Al-Dawadmi City, Saudi Arabia: A school-based childhood obesity education and intervention. 12th International Conference on Childhood obesity and Nutrition & 3rd World Congress on Diabetes and Obesity*, J Obes Weight Loss Ther* 2019, Volume 9, DOI: 10.4172/2165-7904-C1-091 March 18-19, 2019: **Rome, Italy**.
4. Delivered plenary talk on **“**Wound Healing Efficacy of Re Cell Heal in a Diabetic Foot Infection Patient Diagnosed with Lower Limb Cellulitis and Gas Gangrene – A Case Report(Ninth Scientific Forum, Research Paper Presentation ***(****SHAQRA University)* 8th March/2020.
5. Delivered plenary talk on **“**Animal Models and Experimental Research in Metabolic Disorders (A Major Contributor to Modern Medicine)”.Presented Oral Presentation (International Speaker) in AICTE Sponsored Two-day International Conference, “*Current Trends in Pharmacology Research-Preclinical Trials* (ICCTPR-PT)**,** January 3rd- 4th, 2020: Bhaskar Pharmacy College, JNTUH, India
6. Delivered plenary talk on“Anti-Obesity effect of a Polyherbal formulation in Cafeteria and Atherogenic Diet Induced Obesity in Rats”. 3rd International Conference and Exhibition on*Pharmacovigilance & Clinical trials*; **“Journal of Pharmacovigilance”** Oct 27-29, 2014. HICC, India.
7. Research paper entitled “Antihyperglycemic and renal protective effects of *Trichodesma amplexicaule* in Streptozotocin Induced Diabetic Rats. Presented Oral Presentation in **3rd** World Congress on diabetes & Metabolism, Sept 24-26, 2012: *J Diabetes Metab*2012, 3:8**.** Hyderabad. Operated by: Editors- Journal of Diabetes and Metabolism, Journal of Steroids and Hormonal Science
8. Key Note Speaker, Role of Pharmacist in Clinical Health Care System; National Conference, Organized by KVK College of Pharmacy Association with APTI, held on 18-8-2018

**Abstracts/Poster presentations: National & International level**

1. Sudharshan Reddy D. Hypolipidemic activity of *Rhynchosia beddomei* baker in Triton-X-100 induced hyperlipidemic rats. National Symposium on “Challenges and Opportunities of Pharmaceutical Research in Education and Industry”. **CORE-2016** @ JNTUH, 12th to 13th, FEB-2016.
2. D. Sudharshan Reddy.“Anti-Obesity effect of a Polyherbal formulation in Cafeteria and Atherogenic Diet Induced Obesity in Rats”. 3rd International Conference and Exhibition on **Pharmacovigilance & Clinical trials Oct 27-29, 2014. HICC**
3. D. Sudharshan Reddy**.** Process variables affecting formulation of A*torvastatin* Mucoadhesive beads with various polymers, 67th IPC 19-21st Dec, 2015.
4. D. Sudharshan Reddy**.** Anti-Diabetic Activity of *Lygodium flexuosum* (L) Extract on Alloxan Induced Diabetic Rats. For **66th IPC** 23-25th January.
5. D. Sudharshan Reddy**.** Research Paper entitled “Antihyperglycemic Activity of *Holostemma annularis* K. Schum Root Extract in Streptozotocin-Induced Diabetic *Wistar* Rats”. Presented poster in **APTI-18th** Annual National Convention held on 25th -27th Oct- 2013 at Rajahmundry, Andrapradesh, India. (PT-108).
6. D. Sudharshan Reddy**.** Research Paper entitled “Hypoglycemic Effects of *Trichodesma A*mplexicaule in Normal and Alloxan Induced Diabetic Rats”. Presented poster presentation in **NCONSEA, IST, JNTU** Hyderabad, and April 2012.
7. D. Sudharshan Reddy**.** Research Paper entitled “Investigation on antihyperglycemic activity of *Anogeissus latifolia* bark in high fructose diet induced hyperglycemia in rats”. Presented poster presentation in **APTI- 16th** Annual National Convention held on 7-9th Oct- 2011 at Moga, Punjab, India. (PT 30).
8. D. Sudharshan Reddy**.** Research paper entitled “Hypoglycemic and Hypolipidemic activity of *Anogeissus latifolia* bark in Alloxan induced diabetes”. Presented poster presentation in **62nd Indian Pharmaceutical Congress (IPC)** held on 17-19th Dec 2010 at Manipal, India. (D-76).
9. D. Sudharshan Reddy.Research paper entitled “Hepatoprotective evaluation of seeds of *Acacia concina* in CCl4 induced hepatic toxicity in rats”. Presented poster presentation in 15th Annual National Convention of **APTICON,** held on 2-3rd Nov-2010at Hyderabad, India (D103), 130.
10. Anti-oxidant and anticataleptic activity of *Nardostachysjatamansi* on haloperidol administered *Wistar* rats. **APTICON, 2010**, (D134), 137.
11. *In-vivo* antitumor activity of leaf extracts of *Dendophthoe falcata* (L.F) Ettingsh (Loranthaceae). **International Conference on Recent Advances in Drug Discovery**, 22-24th Oct 2010 (PC-35)97. Held in Kakatiya University, Warangal, India.
12. D. Sudharshan Reddy**.** Pharmacological screening of *Holostemma annularisk.schum* roots for Antidiabetic property (Oral Presentation). “**Current trends in preclinical and clinical validation of traditional medicines**”, 18-19th Aug 2007, held in Bagalkot, Karnataka.

**Conferences/Seminars/Workshops/Symposia attended/Organized**

1. **Organized Shaqra University (MOHE) Community Awareness Day of Breast Cancer in Co-operation with Dawadmi General Hospital (MOH), Dawadmi, KSA, held on 4-10-2022.**
2. **Organized Shaqra University (MOHE) Community Awareness Day of Breast Cancer in Co-operation with Dawadmi General Hospital (MOH), Dawadmi, KSA, held on 4-10-2021.**
3. **2nd SURE Webinar Intensive Course to Prepare, Train and Support of Health care Providers to COVID-19 Pandemic, held on 12&13th March2021, Organized by College of Medicine, Shaqra University, KSA**
4. **9th Annual Conference “Evidence Based Approach to Emergency Patients”, Kingdom of Saudi Arabia Ministry of Health, Dawadmi General Hospital held on 9-4-2019 at Dawadmi.**
5. **68th Indian Pharmaceutical Congress-(IPC-2016) 16th-18th December, Visakhapatnam**
6. **"46th Annual Conference of the Indian Pharmacological Society IPSCON-Bangalore 2013"NIMHANS Convention Center 16, 17 and 18th December 2013.**

##### Fifth International Conference on “Laboratory Animal Medicine and Management” organized by LASA & CPCSEA during 7th-9th February 2013 at Hyderabad.

##### National Seminar on “Pharmacy Education for Industry and Research Needs” 17th March-2012 in Center for Pharmaceutical Sciences JNTU Hyderabad.

##### Participated in 16th Annual National Convention of APTI, 7-9th Oct, 2011, Held in Moga, Punjab.

##### Participated in 62nd IPC, Held in Manipal, 17-19th Dec -2010

##### Participated in 15th Annual National Convention of APTI, 2-3rd Nov-2010. Held in Hyderabad

##### National Seminar on “Current trends in preclinical and clinical validation of traditional medicines”, 18-19th Aug 2007, sponsored by ICMR, NEW DELHI, Bagalkot, Karnataka

##### National Seminar on“Emerging trends in Ethnopharmacology*”*, 12-13th Nov 2005, sponsored by ICMR and CSIR, NEW DELHI, Bagalkot, KA

##### **Research Interests and Skills**

Interdisciplinary research which includes (**Drug discovery and Development)**

* ***In-vivo*** Pharmacological Screening Methods of Medicinal Plants for Various Animal Models (Bioassays) and Clinical Case studies in Metabolic Disorders.
* Pharmacokinetic (ADME) Studies, Pharmacodynamics (Drug-Drug Interaction Studies) and Toxicological Studies (Toxicity Studies on Animal Models),
* Adverse Drug Reaction Studies (Pharmacovigilance), Clinical Research and Scientific Medical Writing
* Metabolic Disorders: Diabetes and its Complications, (*In-vitro* and *In-vivo* Anti-Diabetic, Anti-Obesity Activity, Nephro and CVS Complications) CNS Pharmacology (Neurology) and Endocrinology studies
* Clinical Research studies, Medication safety, Therapeutic Drug Monitoring (TDM) & Patient Counseling
* **Computer Skills**
* Computer proficiency in MS Office (Word, Excel, Outlook) and software related to scientific literature and graphics.

**(NCAAA Accreditation Experience)**

1. NCAAA (Development and Quality Unit Committee)
2. Working as active member in Standard 3 (Teaching and Learning Accreditation Committee)
3. Active member CPD/CPE/Workshop/Seminar/ Activity Committee
4. Active member in Training and Internship Committee
5. Active member in Community Pharmacy activities
6. Course Coordinator in Advanced Therapeutics-I & II and OTC Drugs/ Selfcare

**Research Projects & Thesis/Dissertation Supervised**

PhD Thesis Evaluated for 3 students, Supervised for Pharm. D (40), M. Pharm (25), & BPharm (20) at Shaqra University (KSA), Jawaharlal Nehru Technological University, Hyderabad, Osmania University, Palamuru University, India

**Teaching Responsibilities Courses Taught (PharmD, B. Pharm & M. Pharm)**

1. Advanced Therapeutics -I (PHP-513) Advanced Therapeutics-II (PHP-523)
2. Therapeutics- I (PHP-424) Therapeutics- II (PHP-524)
3. Pharmacology-I (PHS-414) Pharmacology-II (PHS-423)
4. Introductory Pharmacy Practice Experience (PHP-312) IPPL-II (PHP-322)
5. Advanced Pharmacy Practice-I (PHP-511) Advanced Pharmacy Practice -II (PHP 521)
6. Clinical Toxicology
7. Advanced Therapeutic Seminar-I (PHP 512) Advanced Therapeutic Seminar -II (PHP 525)
8. OTC DRUGS/SELF CARE (PHP-514) Health Care Ethics (PHP 524)
9. Pharmacological Screening and Bioassay

**Clinical Training Asst/Assoc Prof Roles & Responsibilities for PharmD Students**

* Member of Community service unit at College of Pharmacy, Shaqra University, KSA
* Member of Evaluation Committee in Pharmacy Practice Department, On-Site Supervision, Training, Assessment and Evaluation to an Internship student and Review
* Detection and Management of Drug-Drug Interaction Studies
* Detection and Management of Adverse Drug Reactions (Pharmacovigilance) and Pharmacology
* Medication Management (Safety & Effective use of Prescription & OTC Medications)
* Drug Information Service & Digital Library and Innovation in Pharmacy Practice Department
* Therapeutic Drug Monitoring (TDM), Patient Medication Adherence & Therapeutic Interventions
* Drugs usage during Pregnancy & Lactation Mothers

**Professional Affiliation and Memberships**

* Registered Pharmacist, Andhra Pradesh State Pharmacy Council, Hyderabad. Reg. No. 33276 /A2
* Life member of Indian Pharmacological Society (IPS) Reg. No LD-154
* Life Member of Association of Pharmaceutical Teachers of India (APTI), Reg. No. TL/LM-298
* Reviewer for the Journal of Medicine and Health Studies (Shaqra University)
* Editorial Board Member of Pharmaceutical Innovations (Online Journal).

##### **Achievements:** Secured State 13th Rank in ECET (FDH)-2001

**Name and Addresses of Professional Referees**

**1. Dr. Sampath Kumar Amaravadi** PT Ph.D., CRFC, MCSP

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**2. Dr. Narasaiah Kolliputi. PhD**

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**3. Dr. Mirza Rafi Baig M.Pharm., PhD (Clinical Pharmacy) FICCP**

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**4. Dr. Prabhakar Reddy Veerareddy M.Pharm., Ph.D., Post Doc (USA)**

Prof & Principal College of Pharmacy, Palamuru University, Mahbubnagar, Telangana, India-509001

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**Dr. A. Srinivasa Rao M. Pharm., Ph.D., F.I.C (Ph.D. Supervisor)**

Prof & Principal, Bhaskar Pharmacy College, Hyderabad-500075.

E-mail: [avanapusrin@yahoo.com](mailto:avanapusrin@yahoo.com), (Mobile): +91-9704014333

**Personal Information**

Full Name : Dr. Sudharshan Reddy Dachani

Date of Birth : 14-06-1979

Nationality : Indian

Marital status : Married

Passport Number : **M5276867** (Date of Expiry- 06/01/2025)

Spouse Details : **Mrs. Suvarna Reddy Dachani,** M.B.A, B. Ed

Date of Birth : 14-09-1985

Transferable Skills : English (Experience in writing manuscripts, patens, grants, prepare technical

reports and SOPs. spoken in English), Telugu (First Language)

Hindi (Fluent) and Kannada

**(I hereby declare that the information I furnished above is correct and complete to the best of my knowledge and belief.)**

Date:

**Place:**  ***Dr. SUDHARSHAN REDDY DACHANI***