



CURRICULUM VITAE

Name : **Dr. Sarla Saklani M.Sc., Ph. D. (Chemistry)**

Husband's Name : Prof. Dinesh Prasad Saklani (Director NCERT)

Date of Birth : 18-05-65

Departmental Address : Head, Dept. of. Pharmaceutical Chemistry
H.N.B.Garhwal University, (A Central University)
Srinagar, (Garhwal)-246174, Uttarakhand, India

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Educational Qualifications:

- M.Sc. 1988 Ist Div., Birla Campus Srinagar, HNBGU Srinagar Garhwal
- Ph.D. 1992 Birla Campus Srinagar, HNBGU Srinagar Garhwal
- Teaching Experience: Teaching Degree and Post Graduate 28 Years)
- **Primary area of research: Chemistry of Natural Products (Phytochemistry, Nutraceuticals)**
- **Research Experience: 26Years**
- **Publication:**
 - i. **Research Papers Publication: 96**
 - ii. **Books: 09**
 - iii. **Invited Lectures: 11**
 - iv. **Book Chapters: 08**

v. Ph. D.:	07
vi. Research Projects:	02
vii. Papers published in Proceedings:	04
• Awards:	04
• Patents:	07
• Design Patent:	01
• Membership in Professional Academic Bodies:	05
• Papers Presented/ Participated at National / International Conferences:	22
• Training/ Orientation/ Refresher Programs:	08
• National Workshop organized on IPR, on 17/11/2018 at HNB Garhwal University Srinagar Garhwal.	01
• Citation -	1323

Administrative Experience:

- Convener of Board of Studies of the Department of Pharmaceutical Chemistry, H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, 2012 onwards.
- Member of BOS Biochemistry, HNBGU Srinagar Garhwal.
- Member of BOS Swami Rama Himalayan University Jolly Grant, Dehradun.
- Head, Dept. of Pharmaceutical Chemistry 2010 onwards.
- Warden Girls Hostel Chauras Campus 2016 onwards.
- Member of Prevention, Prohibition and Redressal of Sexual harassment of Women 2021 onwards.
- Member of Patent Cell of the University 2020 onwards
- Member of Internal Complaint Committee of University.
- Expert of Technical University, Uttarakhand for B. Pharm. Course inspection 2010 onwards.
- Member of Faculty Board for the school of Sciences, of the H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, 2015 onwards.
- Member selection committee of Guest Faculty 2010 onwards.
- Coordinator of M.Sc. Pharmaceutical Chemistry, H.N B Garhwal University, Srinagar Garhwal 2007-2010.
- Member of anti - ragging committee of HNBGU Srinagar Garhwal from 2009-14 onwards.

- Member of RDC committee, Dept. of Pharmaceutical Sciences 2008
- Programme officer NSS of HNBGU Srinagar Garhwal from 2011-14.
- Observer in Main Exams of University 2010

Brief Summary of Research Achievements:

- Evaluation of Nutritional value and Keeping Quality of wild Edible Fruits of Garhwal Himalaya.
- Evaluation of Nutraceutical Potential of some wild Edible Fruit of Uttarakhand Himalaya.
- Nutritional Evaluation of Lesser Known Crops of Uttarakhand
- Worked on Herbal Drugs and Traditional Knowledge of Uttarakhand.
- Attempts were made to identify and evaluate some medicinal plant species for anti-microbial, anti-inflammatory, anti-diabetic and anti-epileptic and anti-cancer potential.
- Credited as Associate Editor in the Editorial Board of research journal “The Herb, International Journal of Phytomedicine and Pharmacognosy 2013 onwards..
- Appointed as Reviewer/Referee of the Journal of “Journal of Food Science”(IFT), U.S.A., Drug and Chemical Toxicity, Natural Product Communication and Natural Product Research .
- External examiner of Ph.D. synopsis and Thesis of University of Banasthali vidhyapith, Rajasthan and Uttarakhand Technical University, Uttarakhand.
- Member of Coordination committee for organizing 7th Uttarakhand State Science and Technology Congress -21-23-2012.

Curriculum development:

- Organize a national workshop on IPR in 2018
- Design Semester syllabus for M. Sc. Pharmaceutical Chemistry.
- Convener Departmental purchase committee 2007 onwards.
- Departmental Library in-charge 2007 onwards

Research Papers Published in last Five Years:

2023

1. Pradyumna Ghosal , Subhash Chandra , Alka N. Choudhary, **Sarla Saklani**, Sonchus arvensis: Antioxidant activity, phenolic profile, and phytochemical screening , Kariri Science- CECAPE Biology and Health Journal, 2023, v.1 n.1:1- 8. <https://doi.org/10.29327/2256856.2023.1-8>, ISSN 2965-4084

2. Subhash Chandra, Sakshi , **Sarla Saklani** , Alka N Choudhary, Kanishk Kala, SARS-CoV-2 Infection and Transmission Inhibitor, *The Open COVID Journal*,2023, 3, 1-7. DOI: 10.2174/26669587-v3-e230704-2023-2, 2023, 3, e266695872306070 ISSN: 2666-9587 <https://opencovidjournal.com>
3. V. K. Bisht, A. K. Bhandari, L. S. Kandari, T. Negi, Subhash Chandra, **Sarla Saklani**, et.al. “Fatty acids analysis, antioxidant, antimicrobial and biological activity of essential oil of *Skimmia laureola* Leaves” *An International Journal of Plant Research, Vegetose (Springer)*, 23 January 2023,33(3),1-8, e-ISSN 2229-4473 <https://doi.org/10.1007/s42535-022-00565-2> Springer. Impact factor 0.167, e-ISSN 2229-4473, Springer, Scopus, UGC care list **impact factor .167**. Scopus Source List No.19400157312, SI No.39380, Publisher Springer Nature Switzerland AG.

2022

4. Monika Kawra, Sakshi, **Sarla Saklani**, Subhash Chandra, “*Aegle marmelos*: A medicinal wild aromatic tree” , *International Research Journal of Plant Science*, Vol. 13(4) pp. 01-8, August, 2022, ISSN: 2141-5447.
5. Subhash Chandra, **Sarla Saklani**, Pramod Kumar, Bonglee Kim, Henrique D.M. Coutinho, “Nutraceuticals: Pharmacologically Active Potent Dietary Supplements”, *BIOMED Research International*, 2022,Volume 2022,pp 1-10, Impact Factor- 3.5, Web of Science, Biomed Res Int 2022 Jul 4;2022:2051017 doi: 10.1155/2022/2051017, <https://pubmed.ncbi.nlm.nih.gov/35832855/>, ISSN: 2314-6133 (Print) 2314-6141 (Online) DOI: 10.1155/2738.
6. Monika Kawra1, Sakshi, **Sarla Saklani**, Subhash Chandra, “*Abies Pindrow* - Therapeutically Potential Himalayan Fir” *International Journal of All Research Education and Scientific Methods (IJARESM)*, 2022, ISSN: 2455-6211 Volume 10, Issue 2, , February-, pp. 634-638, Impact Factor: 7.429, Available online at: www.ijaresm.com

2021

7. Achyutanand , Subhash Chandra, **Sarla Saklani**, “Potent Anti-cancer Medicinal Plants of Garhwal Himalaya” *International Journal of Pharmaceutical Research and Applications*, Volume 6, Issue 5 Sep-Oct 2021, pp: 683-692 www.ijprajournal.com ISSN: 2249-7781.
8. U. P. Bhatt, Sudhir Kumar, Bipin Rawat, Subhash Chandra, **Sarla Saklani**, R. P. Bahuguna, “Isolation of a new flavanone and evaluation of antidiabetic activity from

- Clematis buchananiana* aerial parts, *Curr Med Drug Res*, 2021, 5 (2), PP. 1-6, Article ID 216, ISSN: 2581-5008. Impact Factor – 1.80.
9. Yasaman Taheri , Javad Sharifi-Rad , Gizem Antika, Yakup Berkay Yılmaz, Tugba Boyunegmez Tumer, Sawsan Abuhamdah, Subhash Chandra, **Sarla Saklani**, et. al., “Paving Luteolin Therapeutic Potentialities and Agro-Food- Pharma Applications: Emphasis on In Vivo Pharmacological Effects and Bioavailability Traits”, *Hindawi Oxidative Medicine and Cellular Longevity*, Volume 2021, 1-20, impact factor 7.310, ISSN: 19420994, 19420900 Article ID 1987588, <https://doi.org/10.1155/2021/1987588>, Web of Science, <https://research.com/journal/oxidative-medicine-and-cellular-longevity>
 10. Abhay Prakash Mishra, **Sarla Saklani**, Versha Parcha, Manisha Nigam , Henrique D. M. Coutinho, “Antibacterial Activity and Phytochemical Characterization of *Saussurea gossypiphora*”. *Archives of Microbiology*, 2021, Vol. 202, 1-11, Impact Factor 2.955 Publisher Springer Berlin [Heidelberg \(Germany\)](#), ISSN 0302-8933 (print); 1432-072X (web), I.F **2.8**, SCI and SCOPUS indexed journal, SI No., Source No. 3318, 19623. SCI indexed Journal, Web of Science, URL- <https://www.springer.com/journal/203>
 11. Subhash Chandra, **Sarla Saklani**, Abhishek Mathur, “Study of Pharmacognostical and Phytochemical Analysis of Fruits of *Martynia annua* and Study of different Formulations of Anti-ageing Cream”, *Plant Archives*, 2021, 21, Suppl (1), 2005-2012, e-ISSN:2581-6063 (online), ISSN:0972-5210. Care List No.30969, Impact Factor-0.27, Publisher Dr. R.S. Yadav , UGC Care List 2021- No.29874, 19900193211. URL- <https://ores.su/en/journals/plant-archives/>
 12. Kawra Monika, **Saklani Sarla**, Parcha Versha, “Isolation and identification of an antioxidant constituent from *Satyrium nepalense* (Himalayan Orchid)”, *Research Journal of Chemistry and Environment*, 2021, 25 (4), 201-205. ISSN- 0972-0626 , Impact Factor -0.264, SCI Journal. Scopus Source No.5300152224 and SI No.33394, Publisher International Congress of Chemistry and Environment.URL- <https://www.resurchify.com/impact/details/5300152224>
 13. Subhash Chandra, **Sarla Saklani**, Abhishek Mathur, “Research on Nutritional and Phytochemical profile of Seven Edible Food Supplements of Uttarakhand (Garhwal Himalaya)”, *An International Journal of Plant Research, Vegetose (Springer)*, 2021, 33(2),1-6, e-ISSN 2229-4473 <https://doi.org/10.1007/s42535-020-00141-6>. [Springer. Impact factor 0.167](#), 33:610-613.**DOI** 0.1007/s42535-020-00141-x, e-ISSN 2229-4473, Springer, Scopus, UGC care list **impact factor 1.62**. Scopus Source List

No.19400157312, SI No.39380, Publisher Springer Nature Switzerland AG.
<https://www.resurhify.com/impact/details/19400157312>

14. Gitishree Das , Han-Seung Shin, Gerardo Leyva-Gómez , María L. Del Prado-Audelo , Hernán Cortes , Yengkhom Disco Singh , Manasa Kumar Panda , Abhay Prakash Mishra , Manisha Nigam , **Sarla Saklani** et.al.“*Cordyceps* spp.: A Review on Its Immune-Stimulatory and Other Biological Potentials”, *Frontiers Pharmacology*, 2021, 11, 1-31. ISSN 1663-9812, Impact Factor 5.988., Scopus Source Record id-21100214102, SI No. 13371,Publisher Frontiers Media SA, Web of Science, URL-<https://academic-accelerator.com/Impact-of-Journal/Frontiers-in-Pharmacology>
15. Subhash Chandra , **Sarla Saklani** , Hassan Y. Aboul-Enein, “Hydroxychloroquine Sulfate (Plaquenil): A Possible Candidate for Pandemic SARS-CoV-2 or (COVID-19) ?” *Coronaviruses*, 2021, 2, 1-8.The world First International Journal Dedicated to Coronaviruses, Bentham Sciences , ISSN 2666-7969. Impact Factor- 1.3, URL-<https://benthamscience.com/public/journals/coronaviruses>.

2020

16. Monika Kawra¹, **Sarla Saklani** “ISOLATION AND SCREENING OF ACETAMIDE DERIVATIVE AS A POTENTANTIOXIDANTAGENT FROM *SATYRIUM NEPALENSE*” *Plant Archives*, 2020, 20 (2), 5388-5392. e-ISSN:2581-6063 (online),ISSN:0972-5210 , Scopus Source Record 19900193211, SI No 31165 Impact Factor 0.27, Publisher Dr. R.S. Yadav, <https://ores.su/en/journals/plant-archives/>
17. Abhay Prakash Mishraa, Hari Prasad Devkotab, Manisha Nigamc, Charles Oluwaseun Adetunjid, Neeti Srivastavae, **Sarla Saklani**, et. al.“Combination of essential oils in dairy products: A review of their functions and potential benefits”, *LWT - Food Science and Technology*, *LWT*, 2020, 133(11011)6 1-10, ISSN: 0023-6438, **Impact Factor:** 6.91. journal homepage: www.elsevier.com/locate/lwt., Scopus Source Record id 20744, 26217, Publisher Elsevier Inc., Web of Science, <https://www.sciencedirect.com/science/article/abs/pii/S0023643820311051>.
18. Monika Kawra, **Sarla Saklani** and Versha Parcha, “Preliminary Phytochemical screening and Antioxidant activity of five medicinal plants” *Vegetos. An International Journal of Plant Research and Biotechnology*, *Vegetose (Spinger)*, 2020, 32(3),1-5, e-ISSN 2229-4473 <https://doi.org/10.1007/s42535-020-00141-6>. Springer. Impact factor [0.167](https://doi.org/10.1007/s42535-020-00141-6), 33:610-613.**DOI** 0.1007/s42535-020-00141, e-ISSN 2229-447, Springer,

Scopus, UGC care list **impact factor .167**. Scopus Source List No.19400157312, SI No.39380, Publisher Springer Nature Switzerland AG.

19. **Sarla Saklani**, Subhash Chandra & Abhishek Joshi, “In Vitro antimicrobial, antioxidant activity and phytochemical screening of *Paeonia emodi*”, *Applied Innovative Research*, 2020, 2(6), 152-155.e-ISSN – 2581-8198.
20. Neeti Srivastav, **Sarla Saklani**, Vijay Juyal, B.K Tiwari , “Antimicrobial Potential of *Albizia lebbek* Leaf Extract”, *Int. J. Pharm. Sci. Rev. Res.*, 2020, 61(1), 04, 19-21. ISSN 0976-044X, Impact Factor- 2.552.URL- <http://ijpsrr.com/indexing.php>

2019

21. **Sarla Saklani**, Yogita Rawat, Sergey Plygun, Mohammad Ali Shariati, Manisha Nigam, Vineet Kumar Maurya, Archana Yadav, Abhay P. Mishra, “Biological Activity and Preliminary Phytochemical Screening of *Terminalia alata* heyne ex roth”, *J Microbiol Biotech Food Sci.*, 2019 : 8 (4) 1010-1015 doi: 10.15414/jmbfs.2019.8.4.1010-1015 ISSN-1338-5178. Publisher-SLOVAK UNIV AGRICULTURE NITRA, TR A HLINKU2, NITRA, SLOVAKIA, 94976. *Web of Science* Core Collection: Emerging Sources Citation Index. Scopus Source Record No. 21100823448 SI. No. 22742, Web of Science, IF-1.03, <https://www.resurchify.com/impact/details/21100823448>
22. **Sarla Saklani***, Monika Kawra, Versha Parcha, “HERBAL-DERIVED ANTICANCER PHYTOCONSTITUENTS: TRADITION TO MOLECULAR MECHANISMS”, *International Journal of Pharmaceutical Sciences and Research* , IJPSR, 2019, Vol. 10(4): 1632-1639. E-ISSN: 0975-8232; P-ISSN: 2320-5148. Impact Factor- 1.83. UGC Care List No. 203 (Indian journals indexed in Scopus (Source List) This list is a part of Group A of UGC-CARE List (as of 14th June 2019) . *Web of Science* Core Collection: Emerging Sources Citation Index, UGC S. No.17368 Sr.no 21100898314 **Scopus 2020**.

Book Published:

1. [Subhasah Chandra](#) Kothiyal, [Sarla Saklani](#), et.al., Basic concept in Pharmacology, International Publisher, 2019, ISBN 978-93-89246-86-5 (print), 978-93-89246-87-2 (eBook) DOI 10.9734/bpl/mono/978-93-89246-87-2.

Book Chapters:

1. **Sarla Saklani** , Dinesh Prasad Saklani et.al., Traditional Healthcare Practices of Herbal Drugs in Uttarakhand Himalayas, India, Sustainable Uses and Prospects of Medicinal Plants, Edited by Learnmore Kambizi

and Callistus Bvenura, CRC Press, First edition published 2023 CRC Press 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742, CRC Press is an imprint of Taylor & Francis Group, LLC, Chapter 22, pp 387-412, 2023, ISBN: 9781032071732 (hbk) ISBN: 9781032073811 (pbk) ISBN: 9781003206620 (ebk), DOI-<https://doi.org/10.1201/9781003206620>.

2. **Sarla Saklani** et.al. “Coronavirus Drug Discovery”: Antiviral Agents from Natural Products and Nano-technological Applications. In Drug Discovery Update, Volume 2, Chapter 10, Publisher: Elsevier Science, ISBN 9780323955744, E-ISBN 9780323955751, 07 July 2022, DOI: 10.1016/B978-0-323-95574-4.00007-X.
3. **Sarla Saklani et.al.** “Coronavirus Drug Discovery”: SARS-CoV-2 (COVID-19) Prevention, Diagnosis, and Treatment Edition: Volume 1, Chapter: 8, Publisher: Elsevier Science, ISBN 978-03-2385-1565, E-ISBN 978-03-2385-1787, 25 May 2022, DOI: 10.1016/B978-0-323-85156-5.00002-X.