



Centre/School/Special Centre:	Natural Resources
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Qualifications : **M. Pharm., GATE, Ph.D. (IIT-BHU)**

Area of Interest/Specialization

- Rational Drug Design
- Synthesis, Characterization, Biological Evaluation and QSAR studies of potential drug candidates
- *In silico* pharmacokinetic (ADMET) prediction
- Metallopharmaceuticals
- Nanotheranostics

Experience

- Worked as Lecturer in **National Institute of Pharmaceutical Education and Research (NIPER)**, Hajipur, (Bihar), India; From : March 22, 2010- Jan. 6, 2012
- Worked as Production Officer in **WIN-MEDICARE PVT. LTD.** at Meerut. From Dec.2003 to Aug. 2004.
- Worked as Trainee in **AstraZeneca Pvt. Ltd.** at Bangalore.
- Presently working as Assistant Professor (Pharmaceutical Chemistry) in the Institute of Pharmaceutical Sciences, **Guru Ghasidas Vishwavidyalaya (A Central University)**, Bilaspur (India); From : January 09, 2012- till date.

Awards and Honors

- Merit-Cum-Means Scholarship in Bachelor of Pharmacy (B. Pharm.), (I.T.-B.H.U.).
- Qualified GATE (Graduate Aptitude Test in Engineering (Pharmaceutical sciences), conducted by Indian Institute of Technology (IIT), Madras with a percentile score of 93.14 and All India Rank- 434 (2003).
- GATE Scholarship (JRF) in Master of Pharmacy (M. Pharm.) from AICTE, New Delhi.
- Senior Research Fellowship (SRF) in Ph.D., UGC, New Delhi.
- Venus International Foundation awarded “Outstanding Researcher in Pharmaceutical Chemistry”
- Listed in World’s Top 2% Scientists, published by Stanford University, USA (2021, 2022, 2023, 2024)
- Received Best Paper Award

Research Projects:

Design and synthesis of some novel metal (Co, Ni, Ga) complexes of bi-/tridentate ligand(s) as potential nucleolytic and anticancer agents (UGC-STARTUP, Worth: 6 Lakhs, Duration:2 Years)

International Collaboration/Consultancy:

Patents

1. Title:TPGS-Chitosan conjugated mucoadhesive micelles of brinzolamide for glaucoma therapy, App. Number: TEMP/E1/28729/2023- CHE; Ref. No./Application No.: 202341025607.
2. Title: IoT based wearable health monitoring device, Application Number: 383007-001; Cbr Number: 204235
3. Design Patent-2024 _Biosensor Device For The Detection Of Cancer Cells. (Sanjay K Bharti, Sanmati K Jain)
4. Design Patent-2024 Apparatus for Synthesis of transdermal Patch, (Sanjay K Bharti, Rajkumar)

List of Publications:

1. Yugal Kishor Shukla, Vandana, Vivekananda Mandal, Vivek Asati, Raj K. Keservani, Sanjay Kumar Bharti*, An updated patent review on rational combinations of HDAC inhibitors for cancer chemotherapy (2020 – present): part 1-patent granted. *Expert Opinion on Therapeutic Patents* (2025), Article in Press, <https://doi.org/10.1080/13543776.2025.2546595> (Taylor & Francis Publication, Impact Factor:5.4)
2. Yugal Kishor Shukla, Vandana, Vivekananda Mandal, Vivek Asati, Raj K. Keservani, Sanjay Kumar Bharti*, An updated patent review on rational combinations of HDAC inhibitors for cancer chemotherapy (2020 – present): part 2 - patent published. *Expert Opinion on Therapeutic Patents* (2025), 35(8), 875–900. <https://doi.org/10.1080/13543776.2025.2516785> (Taylor & Francis Publication, Impact Factor:5.4)
3. Barik, Pallavi, Shankar Gupta, Gurpreet Singh, **Sanjay Kumar Bharti**, and Vivek Asati. "Structural aspects of HIV-1 integrase inhibitors: SAR studies and synthetic strategies." *Molecular Diversity* (2024): 1-35. Springer Nature, Journal Impact Factor: **3.9**
4. Anjali Suryavanshi, Vandana, Yugal Kishor Shukla, Vipul Kumar, Pragya Gupta, Vivek Asati, Debarshi Kar Mahapatra, Raj K. Keservani, Sanmati Kumar Jain, and Sanjay Kumar Bharti. "MEK Inhibitors in Oncology: A Patent Review and Update (2016 – Present)." *Expert Opinion on Therapeutic Patents*, 2024, 34 (10): 963–1007. <https://doi.org/10.1080/13543776.2024.2403634>. (Taylor & Francis Publication, Impact Factor:5.4)

5. Anushka Sharma, Rahul Dubey, Shankar Gupta, Vivek Asati, Vipul Kumar, Dileep Kumar, Debarshi Kar Mahapatra, Meenakshi Jaiswal, Sanmati Kumar Jain, and Sanjay Kumar Bharti. "PIM Kinase Inhibitors: An Updated Patent Review (2016-Present)." *Expert Opinion on Therapeutic Patents* 2024; 34 (5): 365–82. **Expert Opinion on Therapeutic Patents (Taylor & Francis Publication; Impact factor: 5.4)** (ISSN:1354-3776; Print)
6. Deepali Shukla, Anjali Suryavanshi, Sanjay Kumar Bharti*, Vivek Asati and Debarshi Kar Mahapatra, Recent Advances in the Treatment and Management of Alzheimer's Disease: A Precision Medicine Perspective, *Current Topics in Medicinal Chemistry* 2024; 24(19):1699-1737 (**Bentham Science Publication, Impact Factor-2.9**) ISSN (Print): 1568-0266 ISSN (Online):1873-4294
7. S. K. Jain, S. K. Bharti, B.G.V.S. Jagan, Ajay K. Gupta, 3D-QSAR and Pharmacophoric study on 2,6-Disubstituted Thiazolo [4,5-b] Pyridines as H3 Receptor Antagonists, *Research Journal of Pharmacy and Technology (RJPT)*, 2023: 16(10):4 575-4582; ISSN 0974-3618 (Print) 0974-360X (Online), Scopus Indexed
8. Asati Vivek, Anant Arjun, Mahapatra Kar Debarshi and Bharti Kumar Sanjay*, Recent advances of PI3 Kinase inhibitors: Structure anticancer activity relationship studies, *Mini-Reviews in Medicinal Chemistry* 2022; 22(16): 2146 - 2165 (**Bentham Science Publication, Impact Factor-3.862**). (ISSN: 1389-5575 print; 1875-5607online)
9. Vivek Asati, Sanjay K. Bharti, Ratnesh Das, Varsha Kashaw & Sushil Kumar Kashaw (2022) Discovery of novel ALK2 inhibitors of pyrazolo-pyrimidines: A computational study, *Journal of Biomolecular Structure and Dynamics*, 40:20, 10422-10436, DOI: 10.1080/07391102.2021.1944320 (Taylor & Francis Publication, Impact Factor: **5.23**) (ISSN: Print ISSN: 0739-1102 Online ISSN: 1538-0254)
10. Vipul Kumar, Sanjay Kumar Bharti*, Deepali Shukla, Anjali Suryavanshi, Krishna Kant Jangde, Karthikeyan Kesavan, Vivek Asati, Debarshi Kar Mahapatra , Raj K. Keservani, Pharmacovigilance in digital era: real-world data and safety monitoring, *Chhattisgarh Journal of Science and Technology* (2022) 19(2):319-334 (ISSN: 0973-7219)
11. Krishna Kant Jangde, Anjali Suryavanshi, Deepali Shukla, Meenakshi Jaiswal, Vipul Kumar, Sanjay Kumar Bharti*, Recent progress in theranostic nanoparticles for personalized medicine, *Chhattisgarh Journal of Science and Technology* (2022) 19(4): 487-495 (ISSN: 0973-7219).
12. Sarita Sahu, Sanjay Kumar Bharti, Ritika Singh, Jhakeshwar Prasad, Synthesis, Characterized and Biological Evaluation of Some Novel Schiff Bases, *International Research Journal of Engineering and Technology (IRJET)*, 2021, 8(3): 931-939 (e-ISSN: 2395-0056), (p-ISSN: 2395-0072)
13. Debarshi Kar Mahapatra, Soumajit Ghorai, **Sanjay Kumar Bharti**, Asmita Gajbhiye Patil and Shovanlal Gayen, Current discovery progress of some emerging anti-infective chalcones: Highlights from 2016 to 2017, *Current Drug Discovery Technologies* 2020;17(1):30-44 (**Bentham Science Publication**)(ISSN:1875-6220, Online; 15701638, Print).

14. Khemchand R. Surana, Eknath D. Ahire, Raj K. Keservani, Meenendra Tripathi, Sanjay K. Bharti*, Advances and Application of Polymers in the Delivery of Drugs, *Chhattisgarh Journal of Science and Technology* (2020) 17(1): 93-97 (ISSN: 0973-7219)
15. Debarshi Kar Mahapatra, Vivek Asati, **Sanjay Kumar Bharti***, An updated patent review of therapeutic applications of chalcone derivatives (2014-present), *Expert Opinion on Therapeutic Patents* (2019) 29(5):385-406 (Taylor & Francis Publication; Impact factor: **6.674**) (ISSN:1354-3776; Print)
16. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti***, Vivek Asati, Sushil Kumar Singh, Perspectives of medicinally privileged chalcone based metal coordination compounds for biomedical applications. *European Journal of Medicinal Chemistry* (2019) 174:142-158 (ELSEVIER Publication, Impact Factor: **7.088**) (ISSN: 0223-5234).
17. Vivek Asati, Debarshi Kar Mahapatra, Sanjay Kumar Bharti*, PIM Kinase Inhibitors: Structural and Pharmacological Perspectives. *European Journal of Medicinal Chemistry* (2019) 172: 95-108 (ELSEVIER Publication, Impact Factor: **7.088**) (ISSN: 0223-5234).
18. Vivek Asati, Piyush Ghode, Shalini Bajaj, Sanmati Kumar Jain, **Sanjay Kumar Bharti***, 3D-QSAR and molecular docking studies on oxadiazole substituted benzimidazole derivatives: Validation of experimental inhibitory potencies towards COX-2, *Current Computer Aided Drug Design*, (2019) 15(4):277-293 (Bentham Science Publication, Impact Factor: **1.606**) (ISSN: 1875-6697).
19. Debarshi Kar Mahapatra, Vivek Asati, **Sanjay Kumar Bharti**, Recent therapeutic progress of chalcone scaffold bearing compounds as prospective anti-gout candidates, *Journal of Critical Reviews* (2019)6(1):1-5 (ISSN- 2394-5125).
20. Khemchand R. Surana , Eknath D. Ahire, Raj K. Keservani, Arvind Kumar Gupta, Meenendra Tripathi, Akanksha Yadav, Sanjay K. Bharti5*, Brijesh Kumar Singh, Nagendra Shukla, Nutritional advantages and effects of vitamins in human health, *Chhattisgarh Journal of Science and Technology* (2019) 16(3): 67-70 (ISSN: 0973-7219)
21. Vivek Asati, Santosh S. Thakur, Neeraj Upmanyu, **Sanjay Kumar Bharti***, Virtual Screening, Molecular Docking, and DFT Studies of Some Thiazolidine-2,4-diones as Potential PIM-1 Kinase Inhibitors, *ChemistrySelect* (2018) 3:12186-12194 (Wiley Online Library, Impact Factor:**2.307**) (Online ISSN: 2365-6549).
22. Vivek Asati, **Sanjay Kumar Bharti***, Design, synthesis and molecular modeling studies of novel thiazolidine-2,4-dione derivatives as potential anti-cancer agents, *Journal of Molecular Structure* (2018)1154:406-417 (ELSEVIER Publication; Impact Factor: **3.84**) (ISSN: 0022-2860).
23. Rashmi Chourasiya, Meenakshi Jaiswal, **Sanjay Kumar Bharti** , Sanmati Kumar Jain , Ajay Kumar Gupta , Nidhi Agrawal “Overview on gastro retentive drug delivery systems: Current scenario and future prospective” *Chhattisgarh Journal of Science and Technology* (2018) 15(1): 132-135 (ISSN: 0973-7219)
24. Sanjay Kumar Bharti1* , Meenakshi Jaiswal , N.S. Hari Narayana Moorthy, Microwave in synthetic chemistry: a green chemistry approach, *Chhattisgarh Journal of Science and Technology* (2018) 15(1): 124-131 (ISSN: 0973-7219)

25. Sanjay Kumar Bharti^{1*}, Meenakshi Jaiswal, N.S. Hari Narayana Moorthy, Design, microwave assisted synthesis and characterization of benzimidazolin-2-one and its derivatives, *Chhattisgarh Journal of Science and Technology* (2018) 15(1): 92-96 (ISSN: 0973-7219)
26. Debarshi Kar Mahapatra, Vivek Asati and **Sanjay Kumar Bharti***, MEK inhibitors in oncology: a patent review (2015-Present), *Expert Opinion on Therapeutic Patents* (2017) 27(8):887-906 (**Taylor & Francis Publication; Impact factor: 6.674**) (ISSN:1354-3776; Print).
27. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti*** and Vivek Asati, Chalcone derivatives: anti-inflammatory potential and molecular targets perspectives, *Current Topics in Medicinal Chemistry* (2017)17(28):3146-3169 (**Bentham Science Publication, Impact Factor: 3.57**) (ISSN: 1873-4294).
28. Debarshi Kar Mahapatra*, **Sanjay Kumar Bharti**, Vivek Asati, Nature inspired green fabrication technology for silver nanoparticles, *Current Nanomedicine* (2017) 7(1):5-24 (**Bentham Science Publication**) (ISSN: 2468-1881).
29. Vivek Asati, Debarshi Kar Mahapatra and **Sanjay Kumar Bharti***, K-Ras and its inhibitors towards personalized cancer treatment: Pharmacological and structural perspectives, *European Journal of Medicinal Chemistry* (2017) 125: 299-314 (**ELSEVIER Publication, Impact Factor: 7.088**) (ISSN: 0223-5234).
30. Vivek Asati, **Sanjay Kumar Bharti**, Ashok Kumar Budhwani, 3D-QSAR and virtual screening studies of thiazolidine-2,4-dione analogs: Validation of experimental inhibitory potencies towards PIM-1 kinase, *Journal of Molecular Structure* (2017) 11335: 278-293 (**ELSEVIER Publication, Impact Factor: 3.84**) (ISSN: 0022-2860).
31. Vivek Asati, **Sanjay Kumar Bharti**, Ankita Rathore, Debarshi Kar Mahapatra, SWFB and GA strategies for variable selection in QSAR studies for the validation of thiazolidine-2,4-dione derivatives as promising antitumor candidates, *Indian Journal of Pharmaceutical Education and Research* (2017) 51(3):436-451 (ISSN: 0019-5464). **Impact Factor: 0.686**
32. Debarshi Kar Mahapatra, Ruchi S. Shivhare, **Sanjay K. Bharti**, Novel Murayanine based Pyrazole analogs as emerging anti-fungal candidates: Design, synthesis, characterization, and in vitro evaluation, *Research Pharmaceutica* (2017) 1(1): 01-05 (ISSN: 2457-0389 (Online)
33. Vivek Asati, Shalini Bajaj, Debarshi Kar Mahapatra, **Sanjay Kumar Bharti***, Molecular Modeling Studies of Some Thiazolidine-2, 4-dione Derivatives as 15-PGDH Inhibitors, *Medicinal Chemistry Research* (2016), 25(1):94-108 (**SPRINGER Publication, Impact factor-2.35**) (ISSN: 1054-2523).
34. Vivek Asati, Debarshi Kar Mahapatra, **Sanjay Kumar Bharti***, PI3K/Akt/mTOR and Ras/Raf/MEK/ERK Signaling Pathways Inhibitors as Anticancer Agents: Structural and Pharmacological Perspectives, *European Journal of Medicinal Chemistry* (2016) 109:314-341 (**ELSEVIER Publication, Impact Factor- 7.088**) (ISSN: 0223-5234).

35. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti***, Therapeutic Potential of Chalcones as Cardiovascular Agents, *Life Science* (2016), 148: 154–172 (**ELSEVIER Publication, Impact Factor: 6.78**) (ISSN: 0024-3205).
36. Vivek Asati*, **Sanjay Kumar Bharti**, QSAR studies for some thiazolidine-2,4-dione derivatives as PIM-2 kinase inhibitors, *Medicinal Chemistry Research* (2016) 25(7): 1329-1339 (**SPRINGER Publication, Impact Factor: 2.35**) (ISSN: 1054-2523).
37. Vivek Asati*, **Sanjay Kumar Bharti**, Debarshi Kar Mahapatra, Mutant B-Raf Kinase inhibitors as anticancer agents, *Anti-cancer agents in medicinal chemistry* (2016) 16(12): 1558-1575 (**Bentham Science Publication, Impact Factor: 2.52**) ISSN: 1875-5992 (Online) ISSN: 1871-5206 (Print).
38. Vivek Asati*, **Sanjay Kumar Bharti**, Debarshi Kar Mahapatra, Ashok Kumar Budhwani, Triggering PIK3CA mutations in PI3K/AKT/mTOR axis: Exploration of newer inhibitors and rational preventive strategies, *Current Pharmaceutical Design* (2016) 22(39):6039-6054 (**Bentham Science Publication, Impact Factor: 3.310**) ISSN: 1873-4286 (Online) ISSN: 1381-6128 (Print).
39. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti***, Vivek Asati, Chalcone scaffolds as anti-infective agents: Structural and molecular target perspectives, *European Journal of Medicinal Chemistry* (2015)101:496-524 (**ELSEVIER Publication, Impact Factor: 7.088**) (ISSN: 0223-5234). <https://doi.org/10.1016/j.ejmech.2015.06.052>
40. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti***, Vivek Asati, Anti-cancer chalcones: Structural and molecular target perspectives, *European Journal of Medicinal Chemistry* (2015)98:69-114 (**ELSEVIER Publication, Impact Factor: 7.088**) (ISSN: 0223-5234). <https://doi.org/10.1016/j.ejmech.2015.05.004>
41. Debarshi Kar Mahapatra, Vivek Asati, **Sanjay K. Bharti***, Chalcones and Their Therapeutic Targets for the Management of Diabetes: Structural and Pharmacological Perspectives, *European Journal of Medicinal Chemistry* (2015)92:839-865 (**ELSEVIER Publication, Impact Factor: 7.088**) (ISSN: 0223-5234). <https://doi.org/10.1016/j.ejmech.2015.01.051>
42. Mukesh Kumar Gupta, J.S. Dangi, **Sanjay Kumar Bharti**, Mutations in surface protein of swine flu: A major problem for H1N1 inhibitor, *Asian Journal of Biomedical and Pharmaceutical Sciences* (2015)5(50):01-09 (ISSN: 2249 – 622X)
43. Vivek Asati, Debarshi Kar Mahapatra, **Sanjay K. Bharti***, Thiazolidine-2,4-diones as multi-targeted scaffold in medicinal chemistry: Potential anticancer agents, *European Journal of Medicinal Chemistry* (2014) 87: 814 – 833 (**ELSEVIER Publication, Impact Factor: 7.088**) (ISSN: 0223-5234).
44. **Sanjay K. Bharti***, Sushil K. Singh, Design, synthesis and biological evaluation of some novel benzylidene-2-(4-phenylthiazol-2-yl) hydrazines as potential anti-inflammatory agents, *Medicinal Chemistry Research* (2014) 23:1004-1015 (**SPRINGER Publication, Impact factor-2.35**). (ISSN: 1054-2523).
45. Mukesh Kumar Gupta, Jawahar Singh Dangi, Sanjay Kumar Bharti, Krisna Gopal P, Drug of choice for swine flu: a challenge ahead, *Asian Journal of Pharmaceutical Sciences and Research* (2013)3(6):01-18 (ISSN: ISSN 2249 - 4898).

46. C. Saravanan, **Sanjay Kumar Bharti**, S. Jaggi, S. K. Singh*, Histamine H₄ Receptor: A Novel Target for Inflammation Therapy, *Mini-Reviews in Medicinal Chemistry* (2011) 11:143 - 158 (**Bentham Science Publication, Impact Factor-3.862**). (ISSN: 1389-5575 print; 1875-5607online)
47. Ajay Verma*, Tanu Khurana, **Sanjay Kumar Bharti**, Pharmacogeomics in clinical research and practice: An ethical consideration, *Pharmacologyonline*, 1 (2011) 453-461 (ISSN: 1827-8620).
48. Ashish Sethi, Rakesh Kumar Sharma, **Sanjay Kumar Bharti***, Homology modeling and molecular dynamics study of serine hydroxyl methyl transferase enzyme from *Leishmania donovani*, *Journal of Pharmacy Research* (2011) 4 (7): 2269-2272 (ISSN: 0974-6943)
49. **Sanjay Kumar Bharti**, Saurabh K. Patel, Gopal Nath, Ragini Tilak, Sushil K. Singh*, Synthesis, characterization, DNA cleavage and in vitro antimicrobial activities of novel copper(II) complexes of Schiff bases containing a 2,4-disubstituted thiazole, *Transition Metal Chemistry* (2010) 35:917 – 925 (**Springer Publication, Impact factor:1.6**) ISSN: **0340-4285 (Print) 1572-901X (Online)**. <https://doi.org/10.1007/s11243-010-9412-8>
50. **Sanjay Kumar Bharti**, G. Nath, R. Tilak and S. K. Singh*, Synthesis, antibacterial and antifungal activities of some novel Schiff bases containing 2, 4-disubstituted thiazole ring, *European Journal of Medicinal Chemistry* (2010) 45: 651 – 660 (**ELSEVIER Publication, Impact Factor: 7.088**) (ISSN: 0223-5234).
51. Hemendra Singh Chouhan, **Sanjay Kumar Bharti**, Sushil K. Singh, 2D – Quantitative Structure Property Relationship (QSPR) Study of *N*-(aryl)-2-thiophen-2-ylacetamide Derivatives as Antitubercular Agents, *Asian Journal of Chemistry* (2010) 22: 4675-4680 ISSN: 0975-427X (Online); ISSN: 0970-7077 (Print)
52. S. K. Singh*, S. Jaggi, **Sanjay Kumar Bharti** and R. G. Kulkarni, Synthesis and Evaluation of *N*-Mannich bases of Isatin-3- (4 ϕ - aldehyde/ketone 2 ϕ -thiosemicarbazones) derivatives as potent anticonvulsant agents, *Acta Pharmaceutica Scientia* (2009) **51(1): 47-55**. (ISSN: 1307-2080)
53. **Sanjay Kumar Bharti*** and Sushil K. Singh, Metal Based Drugs: Current Use and Future Potential, *Der Pharmacia Lettre* 1 (2009) 39-51. (ISSN: 09755071)
54. **Sanjay Kumar Bharti*** and Sushil K. Singh, Recent developments in the field of anticancer metallopharmaceuticals, *International Journal of PharmTech Research*, 1 (2009) 1406-1420 (ISSN: 09744304)
55. S. K. Singh*, T. Prabha, B. Kavitha, H. S. Chouhan and **Sanjay Kumar Bharti**, Antidepressant activity of ethanolic extract of *Euphorbia thymifolia* Linn. in the forced swimming test in rats, *Pharmacologyonline* 2 (2009) 967-970 (ISSN: 1827-8620).
56. S. K. Singh*, T. Prabha, B. Kavitha, H. S. Chouhan and **Sanjay Kumar Bharti**, Anti-inflammatory and Hepatoprotective activities of ethanolic extract of *Euphorbia thymifolia* Linn., *Pharmacologyonline* 1 (2009) 986-994 (ISSN: 1827-8620).

***Corresponding Author**

Recent Books/Book Chapters/Monographs etc.

1. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti**. Biologically active small molecules: Modern applications and therapeutic perspectives” (2023), CRC Press/Apple Academic Press, Taylor & Francis Group, New Jersey [ISBN 9781774910696 (softcover) | ISBN 9781003283119 (e-book)].
2. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti**, Computer Aided Drug Design, **ISBN:938426662-0**, Birla Publications Pvt. Ltd., Shahdara, Delhi-110032 (**2021**)
3. Sarita Sahu, **Sanjay Kumar Bharti**, Jhakeshwar Prasad; Synthesis and Biological Evaluation of Some Novel Schiff Bases: Anti-microbial Properties of Different Derivative of 4, 4-Dimethoxybenzoin, ISBN: 978-613-8-94857-5 (**2021**) Scholar’s Press-Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L Publishing Group.
4. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti**, *Medicinal Chemistry with Pharmaceutical Products Development* (2019), CRC Press/Apple Academic Press, Taylor & Francis Group, New Jersey. (ISBN 9781774634097)
5. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti**, *Handbook of Research on Medicinal Chemistry: Innovations and Methodologies*, Nov. 2017, CRC Press/Apple Academic Press, Taylor & Francis Group, New Jersey (hardbook ISBN: 9781771885447; E-book ISBN: 9781771885454).
6. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti**, *Drug Design*, Tara Publishers (Regd.), Delhi, 2016, p. 1-288, (ISBN: 8125601058).

Book Chapters

7. Vaishali Bharat, **Sanjay Kumar Bharti**, Alpana Ram, Nidhi Agrawal, Rashmi Dewangan and Meenakshi Jaiswal, Unlocking New Possibilities: A Review of Applications and Benefits of Nanofibers, Pharmaceutical Science: New Insights and Developments Vol. 1, Page 80-93, Editor(s) Prof. Kevin Fernandez, BP Internation, United Kingdom, FIRST EDITION 2024 ISBN 978-93-48859-26-6 (Print) ISBN 978-93-48859-30-3 (eBook) DOI: <https://doi.org/10.9734/bpi/psnid/v1>
8. Anjali Suryavanshi, Yugal Kishor Shukla, Pragya Gupta, Vandana, Karthikeyan Kesavan and Sanjay Kumar Bharti*, Chapter 11 Bioisosteres of Catechol Functional Group [Bioisosteric Approach and Drug Design] (2024) ISBN: 978-93-94174-48-1
9. Vandana, Yugal Kishor Shukla, Anjali Suryavanshi, Pragya Gupta, Karthikeyan Kesavan and Sanjay Kumar Bharti*, Chapter 12 Bioisosteres of Guanidine Functional Group, [Bioisosteric Approach and Drug Design] (2024) ISBN: 978-93-94174-48-1
10. Future Directions and Prospects in N-Heterocycles, Cambridge Scholars Publishing,

ISBN 978-1-0364-1460-3 (15-11-2024)

11. Debarshi Kar Mahapatra, Vivek Asati, **Sanjay Kumar Bharti***. Perspectives of chalcone based NF- κ B inhibitors as anti-inflammatory agents. In: Debarshi Kar Mahapatra, Sanjay Kumar Bharti, editors. Biologically active small molecules: Modern applications and therapeutic perspectives (2023) 45-58, **CRC Press/Apple Academic Press, Taylor & Francis Group, New Jersey** (ISBN 9781774910696).
12. Eknath D. Ahire, Raj K. Keservani, **Sanjay Kumar Bharti***. Role of fruit and food components in brain cognition, *Nutraceutical Fruits and Foods for Neurodegenerative Disorders*, 2023, Pages 1-14 (**Chapter-1**), **Academic Press (Elsevier Publication)** ISBN: **978-0-443-18951-7**
13. Komal Dagar, Vivek Asati, **Sanjay Kumar Bharti***, Anjali Suryavanshi, Deepali Shukla, Debarshi Kar Mahapatra, Vipul Kumar, Functional Food for Mitochondrial Dysfunction and Autophagy in Neurodegenerative Diseases, *Nutraceutical Fruits and Foods for Neurodegenerative Disorders*, 2023, Pages 31-61 (**Chapter-3**), **Academic Press (Elsevier Publication)** ISBN: **978-0-443-18951-7**
14. Deepali Shukla, Arvind Kumar Jaiswal, Anjali Suryavanshi, Vivek Asati, Debarshi Kar Mahapatra, Vipul Kumar, **Sanjay Kumar Bharti***, Role of Onion and Garlic for Better Cognition and Maintenance of Neurodegenerative Diseases, *Nutraceutical Fruits and Foods for Neurodegenerative Disorders*, 2023, Pages 333-352 (**Chapter-18**), **Academic Press (Elsevier Publication)** ISBN: **978-0-443-18951-7**
15. **Sanjay K. Bharti***, Deepali Shukla, Debarshi Kar Mahapatra, Vivek Asati, Raj Keservani, Therapeutic Potential of Nutraceuticals for the Management of Neurodegenerative Disorders, *Nutraceutical Fruits and Foods for Neurodegenerative Disorders*, 2023, Pages 525-535 (**Chapter-26**), **Academic Press (Elsevier Publication)** ISBN: **978-0-443-18951-7**
16. Anjali Suryavanshi, Virendra Kumar, Deepali Shukla, Vivek Asati, Debarshi Kar Mahapatra, **Sanjay Kumar Bharti***, Nutraceuticals and anxiety, *Nutraceutical Fruits and Foods for Neurodegenerative Disorders*, 2023, Pages 537-559 (**Chapter-27**), **Academic Press (Elsevier Publication)** ISBN: **978-0-443-18951-7**
17. Debarshi Kar Mahapatra, **Sanjay Kumar Bharti**. Pharmaceutical Natural and Synthetic Colorants, Pigments, Dyes, and Lakes: Applications, Perspectives, and Regulatory

- Aspects. In: Mahapatra DK, Talele SG, Volova TG, Haghi AK, Editors. Biologically Active Natural Products: Microbial Technologies and Phyto-Pharmaceuticals on Drug Development. New Jersey: Apple Academic Press, July 2020 (ISBN No: 9781771889049)
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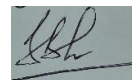
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Additional Information:

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Professional memberships/registration

- Life Member of Indian Pharmacy Graduates Association (IPGA)
- Life Member of Association of Pharmaceutical Teachers of India (APTI)
- Life Member of Indian Science Congress Association, Kolkata
- Registered Pharmacist (State Pharmacy Council)



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