



Dr. Wasim Raja

Scientist 'C'

Division: Central Laboratory Facility and Patent Information Centre

Qualification: M.Sc (Microbiology), Ph.D(Biosciences / Oncology)

Area of Specializations: Oncology/ Toxicology/ Microbiology/Phytochemicals

Current Scientific Responsibilities:
1. To carry out the work related to Research and Development activities at Central Laboratory Facility
2. To carry out the work related to Patent Information Centre
3. To carry out the work as incharge Animal House Facility at CLF

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Research Publication:

1. Wasim Raja and Sonam Pandey. "Antitumoral Effect of Lawsoniainermis Extract on Melanoma Tumor-bearing C57BL/6 Mice" Pharmacogn. Mag., 2020; 47, 53-81.
2. Wasim Raja, Amit Dubey and Pratibha Verma. "Evaluation of Phytochemicals Screening and Antioxidant Activity of Vitis vinifera (Grapes) Fruit Extract Using Fenton Reaction" European Journal of Biomedical and Pharmaceutical sciences, 2020; 7(7): 582-587.
3. Amit Dubey, Wasim Raja and Bhavana Hirwani. "Evaluation of Phytochemicals and Antibacterial activity of Moringa oleifera available in the market of Raipur, Chhattisgarh" World Journal of Pharmaceutical and Life Sciences, 2020; 6(7): 208-214.
4. Sachin Das, Ashish Saraf, Devyani Sharma, AK Sarkar and Wasim Raja. "Study of phytochemical analysis of Withaniasomnifera and Rauwolfia serpentina plant extract" International Journal of Herbal Medicine 2020; 8(4): 01-04.
5. Sachin Das, Ashish Saraf, Devyani Sharma, Wasim Raja, Jasmeet KourSohal. "Study of Antibacterial Activity of WithaniaSomnifera Plant Extract against Some Human Pathogenic Bacteria" International Journal of Science and Research, 2020; 9(6): 1506-1510.
6. Ekta Choubey, Nidhi Warthe, Ashish Saraf and Wasim Raja. "Evaluation of In-Vitro Free Radical Scavenging Activity of Moringa oleifera Leaf Extract Using Fenton Reaction" World Journal of Pharmaceutical and Life Sciences, 2019; 5(12): 121-124.

7. Yogita Sahu and Wasim Raja. "Assessment of Antibacterial Activity of *Trigonella foenum-graecum* Seed Extract Using Disk Diffusion Method" *Asian Journal of Pharmaceutical and Biological Research*, 2019; 7(3):84–90.
8. Jyoti Pandey, Vimal K. Saini and Wasim Raja. "Evaluation of Phytochemical Analysis of *Andrographis paniculata* Leaf and Stem Extract" *World Journal of Pharmaceutical and Life Sciences*, 2019; 5(2): 188-190.
9. Sachin Das, Ashish Saraf, Devyani Sharma, Jasmeet Kaur and Wasim Raja. "Qualitative Screening of Bioactive Secondary Metabolites Present In *Withania Somnifera* and *Rauwolfia Serpentina* Root and Stem Extracts With Pharmacological Importance" *International Journal of Research in Pharmaceutical and Biomedical Sciences*, 2019; 6(2):69-74.
10. Shubham Jain and Wasim Raja. "Evaluation of Antibacterial Activity of *Myristica Fragrans* Seed Extract Using Disk Diffusion Method" *Asian Journal of Research in Biological and Pharmaceutical Sciences*, 2019; 7(3): 77-83.
11. Vibha Shree Gupta, Wasim Raja and Heena Parwin. "Evaluation of Antibacterial Activity of *Hibiscus Sabdariffa* Leaf Extract Using Disk Diffusion Method" *Asian Journal of Phytomedicine and Clinical Research*, 2019; 7(3): 107-113.
12. Seema Ghritlahre and Wasim Raja. "Evaluation of In-Vitro Free Radical Scavenging Activity of *Beta Vulgaris* (Beet Root) Extract" *Asian Journal of Research in Biological and Pharmaceutical Sciences*, 2019; 7(3): 71-76.
13. Jyoti Pandey, Vimal K Sain, Shashi Tiwari, Wasim Raja. "A Study of Antibacterial Activity of *Andrographis Paniculata* Leaf And Stem Bark Extracts Against Some Clinical Pathogenic Bacteria's" *Asian Journal of Research in Biological and Pharmaceutical Sciences*, 2019;7(3): 65-70.
14. Priyanka Pandey, Ashis Kumar Sarkar, Amit Kumar Dutta, Wasim Raja. "Evaluation of In-Vitro Free Radical Scavenging Activity of *Calendula officinalis* Leaf Extract" *International Journal of Research in Pharmaceutical and Nano Sciences*, 2018; 7(6): 230 - 235.
15. Heena Parwin, Vibha Shree Gupta, Wasim Raja. "Evaluation of Antimicrobial Potentiality of Aqueous Ethanolic Leaf Extract of *Acacia arabica* Extract" *Asian Journal of Research in Biological and Pharmaceutical Sciences*, 2018; 6(4): 129 - 134.
16. Hemant Kumar, Amit Dubey, Wasim Raja. "Evaluation of Anti-Diabetic Activity of *Polyalthia Longifolia* Extract In Rats Models" *Asian Journal of Research in Biological and Pharmaceutical Sciences*, 2018; 6(2): 78-84.
17. Rubal Chandrakar and Wasim Raja. "Effect of *Corriander sativum* Extract on Micronucleus formation in bone marrow cells of Swiss albino mice" *European Journal of Biomedical and Pharmaceutical Sciences*, 2018; 5(4): 465-468.
18. Wasim Raja, Amit Dubey and Mahesh Gopal Patel. "Antitumour Activity of *Phyllanthus Niruri* Root Extract Against 7, 12-Dimethylbenz (A) Anthracene Induced Mouse Skin Carcinogenesis" *European Journal of Pharmaceutical Sciences*, 2017; 4(9):471-477.
19. Amit Dubey, Wasim Raja and Yashasvi Bairagi. "Evaluation of Antimicrobial Activity of *Thuja Occidentalis* Extract Against Some Human Pathogenic

Bacteria” World Journal of Pharmaceutical and Life Sciences, 2017; 3(10): 97-103.

20. Amit Kumar Dutta and Wasim Raja. “Wheat Grass-A Perfect Food and Its Anti-Microbial Properties from the Different Solvent Extract” World Journal of Pharmacy and Pharmaceutical Sciences, 2016; 5(9):1818-1828.
21. Wasim Raja, Jainab Ahmed, HeenaParwin. “Evaluation of In-Vitro Free Radical Scavenging Activity of CinnamomumZeylanicum Bark Extract” Phytomedicine: InternationalJournal of Phytotherapy and Phytopharmacology, 2016; 6(2):58-61.
22. Wasim Raja, Amit Dubey, Lokendra Kumar Bandhe, Sonam Pandey.“Anticarcinogenic Activity of Piper Nigrum Extract and Its Active Component Piperine against 7, 12- Dimethylbenz (a) Anthracene Induced Mouse Skin Carcinogenesis” European Journal of Molecular Biology and Biochemistry. 2016;3(2):101-106.
23. Wasim Raja and TikeshwarDewangan. “Determination of Antibacterial Activity of Nigella Sativa Seed Extract Against Some Human Pathogenic Bacteria” American Journal of Biological and Pharmaceutical Research. 2016;3(3):65-69.
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27. Wasim Raja, R.C. Agrawal and M. Ovais. “Prevention of Cyclophosphamide-Induced Micronucleus Formation in Mouse Bone Marrow by Solanum lycopersicum Extract” American-Eurasian Journal of Scientific Research, 2013; 8 (6): 244-247.
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29. Wasim Raja, Sonam Pandey Sarfaraz Hanfi and Aafrin Khan. “Evaluation of Antibacterial and Anticough Forming Effects OfZingiberofficinale extract” International Journal of Chemical And Pharmaceutical Research, 2012; 1(6): 141-147.
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31. Wasim Raja, Sonam Pandey and R.C. Agrawal. “Studies on the Anticlastogenic Effect of Terminalia chebula Extract on Cyclophosphamide-Induced Micronucleus Formation and Chromosome Aberrations in Swiss albino Mice “ International Journal of Genetics, 2011; 1(2): 13 - 17.

32. Kriti Tripathi, Wasim Raja and Sarfaraz Hanfi. "Assessment of Chromosomal Aberration in the Bone Marrow Cells of Swiss albino Mice treated by Mancozeb" American-Eurasian Journal of Scientific Research, 2011; 6 (3): 161-164.
33. Wasim Raja and R.C. Agrawal. "Chemopreventive Potential of Cow Urine Against 7,12 - Dimethylbenz(a) anthracene-Induced Skin Papillomagenesis in Mice" Academic Journal of Cancer Research. 2010; 3(1):7-10.
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37. Wasim Raja, R.C. Agrawal and M. Ovais. "Evaluation of Antimutagenicity of Lawsoniainermis Leaf Extract in Swiss albino mice" Research J. of Pharmacy and Technology, 2008; 1(3), 278-279.
38. Hemant Nagar, Wasim Raja, Sonam Pandey and BiniaminBhula. "Evaluation of Antimutagenic Potential of Momordica Charantia Fruit Extract In Swiss Albino Mice", Indian Journal of Multidisciplinary Research, 2008; Vol. 4(2), 209 - 21.
39. R.C. Agrawal, Wasim Raja and Neha Rai. "Assessment of Mutagenic Potential of Moncozeb" Research Hunt an International Journal, 2007; 2 (2), 4-8.

Book Publication:

1. Sonam Pandey and Wasim Raja. "Lab Mannual of Microbiology and Biotechnology" 2013; published by Anmol Publication, New Delhi. (ISBN 978-81-261-5505-7).