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Division: Central Laboratory Facility and Intellectual Property Rights Centre

Qualification: Ph.D (Biotechnology)

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Research Publication:

1. Roshni Tandey, Kavi Bhushan Singh Chouhan, Kamal Kumar Sen, Rajendra Mehta, Amit Dubey, Rajdeep Das, Pratip Saha, Vivekananda Mandal. "Physiological and biochemical responses of *Amaranthus cruentus* to polycyclic aromatic hydrocarbon pollution caused by thermal power units" *Environmental Science and Pollution Research*, 2020; 27: 14790–14806. DOI: 10.1007/s11356-020-07971-6
2. Seema Mandavi, Renu Bhatt, Sant Kumar Verma, Laxmi Banjare, Amit Dubey, Suresh Thareja, Akhlesh Kumar Jain. "A comprehension into Target Binding and Spatial Fingerprints of Noscapinoid Analogues as inhibitors of Tubulin" *Medicinal Chemistry*, 2020; 16: 1–12 DOI:10.2174/1573406416666200117120348
3. Amit Dubey, Wasim Raja, Yashasvi Bairagi. "Evaluation of Antimicrobial Activity of Thuja Occidentalis Extract Against Some Human Pathogenic Bacteria" *International Journal of Pharmaceutical and Life Sciences*, 2019; 3(10): 97-103.
4. Wasim Raja, Amit Dubey, 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*, 2019; 4(9): 471-477.

5. Puja Chaturvedi, Beena Sharma, Amit Dubey. "An Evaluation of Vegetable Extracts for Phyto-remediation of Aqueous Solution of Lead" *International Journal for Innovative Research Multidisciplinary Field*, 2019; 5(11): 33-36.
6. Shikha Talreja, Beena Sharma, Amit Dubey. "Contamination of Heavy Metals in Water around the MSW Dump Site at District Raipur in Chhattisgarh" *World Journal of Research and Review (WJRR)*, 2019; 8(2): 27-29.
7. Vibhuti Chandrakar, Amit Dubey, Sahu Keshavkant. "Modulation of arsenic-induced oxidative stress and protein metabolism by diphenyleneiodonium, 24-epibrassinolide and proline in *Glycine max* L." *Acta Botanica Croatica*, 2018; 77 (1): 51 – 61. DOI:10.2478/botcro-2018-0004
8. Hemant Kumar, Amit Dubey, Wasim Raja. "Evaluation of Anti-Diabetic Activity of *Polyalthia Longifolia* Extract In Rats Models" *Asian Journal of Pharmaceutical and Biological Research*, 2018; 6(2): 78-84.
9. Vibhuti Chandrakar, Suruchi Parkhey, Amit Dubey, Sahu Keshavkant. "Modulation in arsenic-induced lipid catabolism in *Glycine max* using proline, 24-epibrassinolide and diphenylene iodonium" *Biologia*, 2017; 72(3): 51-61. DOI:10.1515/biolog-2017-0033.
10. 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 Biomedical and Pharmaceutical Sciences*, 2017; 4(9): 471-477.
11. Amit Dubey, Dr. 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.
12. Tejaswini Reddy, Beena Sharma and Amit Dubey. "Comparative study of heavy metal pollution in road side soil of Sarona and New Raipur Highway at Raipur District in Chhattisgarh" *International Journal of Green and Herbal Chemistry*, 2017; Sec. A; 7 (1):54–61.
13. Vibhuti Chandrakar, Bhumika Yadu, Rakesh Kumar Meena, Amit Dubey, S Keshavkant. "Arsenic-induced genotoxic responses and their amelioration by diphenylene iodonium, 24-epibrassinolide and proline in *Glycine max* L." *Plant Physiology and Biochemistry*, 2017; 112 :74-86., DOI:10.1016/j.plaphy.2016.12.23
14. V Chandrakar, A Dubey, S Keshavkant. "Modulation of antioxidant enzymes by salicylic acid in arsenic exposed *Glycine max* L." *Journal of Soil Science and Plant Nutrition*, 2016; 16 (3): .662-676. DOI:10.4067/S0718-95162016005000048.
15. 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 Biochemistry*, 2016; 3(2):101-106.
16. Wasim Raja, Amit Dubey and Tikeswar Dewangan. "Determination of Antibacterial Activity of *Nigella Sativa* Seed Extract against Some Human Pathogenic Bacteria" *American Journal of Biological and Pharmaceutical Research*, 2017; 6: 65 – 69.

17. Wasim Raja, Amit Dubey and Sachin Das. "Evaluation of Antioxidant and Antibacterial Activity of Terminalia Chebula Fruit Extract" *International Journal of Phytotherapy*, 2015; 5(4):160 – 164.
18. Pramisha Sharma, Amit Dubey and S.K. Chatterjee. "Pre-monsoon physico-chemical analysis of surface and ground water of Abhanpur block in District Raipur (CG)" *Recent Research in Science and Technology*, 2014, 6 (1): 157 - 161.
19. Pramisha Sharma, Amit Dubey and S.K. Chatterjee. "Determination of Physico-chemical parameter of surface and ground water in Dharsiwa block, Raipur District (C.G.)" *International Journal of Computer Science and Network*, 2014, 192 – 197.
20. Abhinesh Kumar Prajapati, Rumi Choudhary, Kumar Verma, Kumar Parmesh, Chaudhari, Amit Dubey, Abhinesh Kumar, Parmesh Kumar, Chaudhari & Amit, Dubey. "Desalination and Water Treatment Decolorization and removal of chemical oxygen demand (COD) of rice grain-based biodigester distillery effluent (BDE) using inorganic coagulants" *Desalination and water treatment*, 2013; 53(8): 2204-2214. DOI:10.1080/19443994.2013.862741
21. Pramisha Sharma, Amit Dubey and S.K. Chatterjee. "Determination of heavy metals in surface and ground water in an around (Arang Block) Raipur district, Chhattisgarh, India" *International Journal of Scientific and Engineering Research*, 2013; 4(9):722-724.
22. Pramisha Sharma, Amit Dubey and S.K. Chatterjee. "Physico-Chemical Analysis of Surface and Ground Water of Abhanpur Block in Raipur District, Chhattisgarh, India" *International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN*, 2013: 2(5):2278-3075
23. Pramisha Sharma, Amit Dubey. "Post Monsoon Analysis of Physico-Chemical Parameter of Surface and Ground Water Samples In (Arang Block) Raipur Districts, Chhattisgarh, India" *IOSR Journal of Applied Chemistry*, 2013; 5(2):22-26. DOI:10.9790/5736-0522226
24. Wasim Raja, M. Ovais, Amit Dubey. "Phytochemical screening and antibacterial activity of Lawsonia inermis leaf extract" *International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN*, 2013; 2(5): 2278 – 3075.