

Brief Biodata of

Dr. Mirza Mohd Abid Ali Khan

- **Name:** Dr. Mirza Mohd Abid Ali Khan
- **Residential Address**
235/9, Shahchara Lane, Victoria Street, P.O. Chowk, Lucknow 226003, U.P., India
- **Email ids:** mmabidalikhan265@gmail.com dr.abid30@gmail.com
- **Websites:** www.jbcr.co.in www.sasjournals.com
- Mobile No. + 91 9793514999 (Whats App)
- **Present Position**
Senior Associate Professor of Botany, Shia Post Graduate College, (Associated to Lucknow University), Sitapur Road, Lucknow, U.P., India
- **Ph.D. Thesis Guidance**
Co-Supervisor of Ph.D. Thesis of Mohammad Abdur Rahman, entitled “Integrated Nutrient Management in Peppermint (*Mentha piperata L.*) under Salt Stress” submitted and awarded by Faculty of Science (Botany), OPJS University, Churu, Rajasthan, India, December 2016.
- **Research and Teaching:**
12 Years Research Experience + 20 years Teaching Experience
- **Qualification**
M.Sc. (Botany), Ph.D., Proficiency in German from Lucknow University, Lucknow, U.P., India, DHE from Chennai.
- **155 Research Papers and Book Chapters Published in International and National Journals including book chapters**

- **84 Research Papers Presented in National and International Conferences**
- **Books Published**
33 hard bound reference books including authored and edited books are published by different publishers of international repute.
- **Medals / Best Papers / Best Poster Awards**
Gold Medal by IBAM, Kolkata, 4 Best Research Paper Awards and 1 Best Poster Award.
- **“Research Excellence Award 2021” by Institute of Scholar (InSc) ISO Certified, Bengaluru, Karnataka, India**
- **Best Teacher Award 2020 Present by Deccan Environmental Research Organization, Bijapur, Karnataka, India**
- **Life Time Achievement Award 2020 given by Academy of Environment and Life Science and Department of Biotechnology, Ministry of Science and Technology, Govt. of India received at Agra, U.P., India**
- **Great Teacher Award**
‘Sir Richard Sermon Award’ for Great Teacher 2018
- **Nominated for “Eminent Scientist Award 2021” at the 3 days National Conference on Multidisciplinary Research and Practice held at Jubilee Hall, Dr. Bhimrao Ambedkar University, Agra, U.P.**
- **Nominated for “Life Time Achivement Award 2021” at the 3 days National Conference on Multidisciplinary Research and Practice held at Jubilee Hall, Dr. Bhimrao Ambedkar University, Agra, U.P.**
- **Shri Harish Chandra Karmatha Samman 2018 by Bharat Srijan**
- **3 Conference Proceedings Edited**
- **Edited Lenin Medical Dictionary, published by Lenin Media Pvt. Ltd. Delhi, India**

- **Past Positions:**

Junior Research Fellow (JRF) CSIR-Govt. of India, at Department of Botany, Lucknow University, Lucknow, U.P., India

Senior Research Fellow (SRF) CSIR-Govt. of India, at Department of Botany, Lucknow University, Lucknow, U.P., India

Research Associate at Department of Plant Pathology, Central Institute of Medicinal and Aromatical Plants, CIMAP-CSIR, Govt. of India, Lucknow, U.P., India

Pool Scientist / Pool Officer CSIR, Govt. of India at Department of Pharmacology and Therapeutics, King George's Medical College, Lucknow, U.P., India

Assistant Professor of Botany, Shia Post Graduate College, Under Lucknow University, Lucknow, U.P., India

Stage IInd Assistant Professor of Botany, Shia Post Graduate College, Under Lucknow University, Lucknow, U.P., India

Stage IIIrd Assistant Professor of Botany, Shia Post Graduate College, Under Lucknow University, Lucknow, U.P., India

- **Present Positions**

Associate Professor of Botany, Shia Post Graduate College, (Associated to Lucknow University), Sitapur Road, Lucknow, U.P., India

- **Conference Organizing Experience**

Organizing Secretary of World Congress on Biotechnological of Medicinal Plants and Substances of Marine Plant and Marine Origin held on February 19-22, 1995 Sponsored by Council of Scientific and Industrial Research (CSIR Govt. of India) New Delhi, Department of Ocean Development (Govt. of India), New Delhi, Department of Science and Technology (Govt. of India) New Delhi at King George's Medical College, Lucknow, U.P., India.

Organizing Secretary of National Conference on Current Biotechnological Trends in Medicinal Plant Research held on February, 19-21, 1993 Foundation Day of Regional Research Institute (Ay) Govt. of India organized by International Society for Herbal Medicine, at Department of Pharmacology and Therapeutics, K.G. Medical College, Lucknow 226003, U.P., India.

Joint Organizing Secretary of New Vistas of Pregnancy, Lucknow January 15 and 16, 1993, SOUVENIR, organized by Asian Federation of Clinical Pharmacologists, Federation of Obstetrics and Gynecological Society of India (Lucknow), National Association of Volunteer Sterilization and Family Welfare Programme (Lucknow), Department of Pharmacology and Therapeutics and Department of Obstetrics and Gynecology held at King George's Medical College, Lucknow, U.P., India.

- **Editorial Experiences (31 years) of Dr. M.M. Abid Ali Khan in Different National and International Journals and Proceedings**

1. Chief Editor of Journal of Biological and Chemical Research (ISSN 0970-4973) (EISSN 2319-3077) UGC Approved Journal No. 62923, MCI Validated Journal, Index Copernicus International Value, IC Value of Journal 82.43 Poland, Europe (2016), Journal Impact Factor: 4.275, Global Impact factor of Journal: 0.876, Scientific Journals Impact Factor: 3.285, InfoBase Impact Factor: 3.66 www.jbcr.co.in

2. Chief Editor of World Journal of Biology and Medical Sciences (EISSN 2349-0063) IC Value of Journal 76.23 Poland, Europe, Cosmos Impact Factor: 4.554 (2015), Journal Impact Factor (JIF): 4.197 www.sasjournals.com

3. Chief Editor of Recent Advances of Academic Science Journal ISSN: 2002-2433 (Print) publishes by Swedish Scientific Publication, Gutenberg, Sweden <http://swedishscientificpublications.com/raasi/>

4. Editor of Advance Research in Agriculture and Veterinary Science, Publisher: Academy for Environment and Life Sciences EISSN: 2348-5353 CODEN: ARAVCG, USA Scientific Journal Impact Factor (SJIF): 3.774 <http://www.aravsjournal.com/>

5. Editor: Advances in Pharmacognosy and Phytomedicine (APP)" (ISSN: 2423-7078) Published by World Science and Research Publishing, England <http://www.journals.wsrpublishing.com/index.php/APP/index>

6. Member Editorial Board of Swedish Scientific Publication, Gutenberg, Sweden <http://swedishscientificpublications.com/>

7. Editor: MINDSHARE International Journal of Research & Development ISSN: 2229-4872.

8. Ex- Managing Editor of Journal of Recent Advances in Applied Sciences (ISSN 0970-1990) <http://jraas.org/>

9. Ex-Editor of Biodigest (ISSN 0970-373X) Dehradun, Utrakhhand, India.

10. Edited: Proceedings of World Congress on Biotechnological of Medicinal Plants and Substances of Marine Plant and Marine Origin held on February 19-22, 1995 Sponsored by Council of Scientific and Industrial Research (CSIR Govt. of India) New Delhi, Department of Ocean Development (Govt. of India), New Delhi, Department of Science and Technology (Govt. of India) New Delhi at King George's Medical College, Lucknow, U.P., India.

11. Edited: Proceeding of National Conference on Current Biotechnological Trends in Medicinal Plant Research held on February, 19-21, 1993 Foundation Day of Regional Research Institute (Ay) Govt. of India organized by International Society for Herbal Medicine, at Department of Pharmacology and Therapeutics, K.G. Medical College, Lucknow 226003, U.P., India

12. Edited: Workshop on New Vistas of Pregnancy, Lucknow January 15 and 16, 1993, SOUVENIR, organized by Asian Federation of Clinical Pharmacologists, Federation of Obstetrics and Gynecological Society of India (Lucknow), National Association of Volunteer Sterilization and Family Welfare Programme (Lucknow), Department of Pharmacology and Therapeutics and Department of Obstetrics and Gynecology held at King George's Medical College, Lucknow, U.P., India.

- **Conferences Attended**
More than 30 National and International Conferences
- **Reviewer of More than 30 Journals**
- **Reviewer Info Base Index Database**

- **Orientation / Refresher/ Training Programs and Workshops completed by Dr. M.M. Abid Ali Khan**

- **Orientation Program**
UGC Sponsored Orientation Programme, at University Grants Commission, Academic Staff College, University of Lucknow, held on March 01, 2007 to March 31, 2007, obtained Grade A, Registration No. 2553.

- **Refresher Courses**
UGC Sponsored Refresher Course in the Subject Botany, Plant Science, Micro Biology, Environmental and Forestry, at Academic Staff College, University Grants Commission, University of Lucknow, held on February 01 to 23, 2013, obtained Grade A, Registration No. 7799.

UGC Sponsored Refresher Course in the Subject Environmental Education (ID) Botany at Human Resource Development Centre (HRDC) University Grants Commission, University of Lucknow, held on January 01 to 22, 2016, Obtained Grade A, Registration No. 3975.

- **Short Term Courses**

Short Term Professional Development Course in Motivation Needs and Productivity held from October 14, to 21, 2011, at Academic Staff College (University Grants Commission), University of Lucknow, Government of Uttar Pradesh Sponsored, Registration No. 668.

Short Term Course “Faculty Training, Motivation and Adoption of Schools and Colleges Programme” at CSIR-National Botanical Research Institute, (Government of India) Lucknow – 226001, on 18-19 December, 2013.

Short Term Course on “Deprived Society Movement and Present Scenario” from September 08 to September 14, 2015 at Human Resource Development Centre (HRDC) University Grants Commission, University of Lucknow, UGC Sponsored Short Term Course, Registration No. 800.

Short Term Course on Faculty Training and Motivation and Adoption of Schools and Colleges by CSIR Labs Programme from 22nd October to 27th, 2007, Organized by National Botanical Research Institute, NBRI, Lucknow, Council of Scientific and Industrial Research (CSIR), Government of India.

- **Participation only in Seminars / Conferences**

International Symposium and CME on Importance of Translational Research in Medical Education held on 29th February, 2016 at ERA’s Lucknow Medical College and Hospital, Lucknow, accredited by Uttar Pradesh Medical Council on behalf of MCI, organized by Departments of Biochemistry and Surgery, Era’s Lucknow Medical College and Hospital and Indian Academy of Biomedical Sciences.

National Seminar on Himalayan Devastation and Eco-Balancing (Under the Auspices of the DST-PURSE Programme) at Department of Botany, University of Lucknow, Lucknow on August 31, 2013.

Start Up India Conclave on Entrepreneurship Development in India’s North East on 29th November, 2016 organized by MINDSHARE and IIT (Indian Institute of Technology), Delhi at New Delhi.

89th Session, Indian Science Congress-2002, January 3-7, 2002 held at Department of Botany, University of Lucknow, Lucknow, U.P., India

National Seminar on Kalam’s Dream for 2020 “In The Memory of Dr. A.P.J. Abdul Kalam” Presented Oral Lecture on Dr. APJ Abdul Kalam and his vision on India 2020 in Lucknow on 14th October, 2015 organized by GUTTENBREG in Association with Department of Education, University of Lucknow and Rashtriya Ekta Mission held at Department of Education, University of Lucknow.

National Conference on Biotechnology for Sustainable Development held on 15th and 16th November, 2011 at Department of Biotechnology, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, Uttar Pradesh, India.

National Seminar on Higher Education: Issues, Challenges, Prospects and Strategies, September 11, 2016, under Auspices of Lucknow University Associated Colleges Teacher's Association (LUACTA) and Mumtaz P.G. College, Lucknow.

2nd Mindshare International Conference on Child Rights Education held at National P.G. College, Lucknow, India on September 22, 2012.

Member Board/Council of Swedish Scientific Publications, Gottenberg, Sweden for 2015-2016.

Life member of Indian Academy of Biomedical Sciences (IABS), Department of Biomedical Sciences, King George's Medical University, Lucknow (Membership No. 139/16).

Life Member (Membership No. 163) Indian Society of Lichenology, National Botanical Research Institute, 656/6/395, Unity City, Bahadurpur, Kursi Road Lucknow-226021, India.

Life Member of India Human Rights Associations, New Delhi, India.

- **Honorary Fellow of Societies**

Honorary Fellow of International Society for Herbal Medicine, Department of Pharamcology and Therapeutics, King George's Medical College Lucknow, U.P., India

Honorary Fellow of Society for Advancement of Sciences, Lucknow, U.P., India

Honorary Fellow of International Council of Sciences, Lucknow, U.P., India

- **Work Shop Completed**

Workshop on "Application of Inductively Coupled Plasma-Optical Emission (ICP-OS) Spectrometer and Microwave Reaction System for Estimation of Heavy Metals and Trace Elements" held as a part of 44th Annual Conference of the Association of Clinical Biochemists of India- ACBICON 2017 on 3rd December, 2017 at Kalam Centre, King George's Medical University, Lucknow, U.P., India.

**List of International / National Hard Bound Books with ISBN
Authored / Edited by Dr. Mirza Mohd Abid Ali Khan
(Total number of hard bound books 33)**

1. **New Dimensions in Microbiology, ISBN 978-93-85160-84-4** Editors: Dr. M.M. Abid Ali Khan (India), Dr. John K. Grandy (USA) Dr. Dilfuza Egamberdieva (Germany), Murtaza Abid (India), Dr. Raaz K. Maheshwari (India) and Dr. T.S. Naqvi (India)
Published by Lenin Media Pvt. Ltd. Delhi, India, 2015

2. **Sustainable Non-conventional Energy Resources and Environment, ISBN 978-93-5056-873-2** Authors: Mustafa Abdeen Omer (United Kingdom), M.M. Abid Ali Khan (India) and Murtaza Abid (India) published by Discovery Publishing House Pvt. Ltd., New Delhi, India 2016

3. **RENEWABLE ENERGY RESOURCES FOR SUSTAINABLE DEVELOPMENT, ISBN 978-93-5056-871-2** Authors: Mustafa Abdeen Omer (United Kingdom), M.M. Abid Ali Khan (India) and Murtaza Abid (India) published by Discovery Publishing House Pvt. Ltd., New Delhi, India 2016

4. **Biochemistry and Therapeutic uses of Medicinal Plants, ISBN 987-93-5056-866-8,** Editors: Prof. Abbas Ali Mahdi, Murtaza Abid and Dr. M.M. Abid Ali Khan, Published by Discovery Publishing House, New Delhi, India, 2016

5. **Technologies for Renewable Energy and Water Conservation, ISBN 987-93-85882-53-1** Editors Dr. Bina Rani (India), Murtaza Abid (India), Dr. M.M. Abid Ali Khan (India), Dr. Abdeen Mustafa Omer (United Kingdom), Dr. Rais Haider (India) and Dr. Raaz K. Maheshwari, Published by Harshwardhan Publication Pvt. Ltd., Maharashtra India, 2016.

6. **Global Progress in Development of Sustainable Environment, ISBN 987-93-5056-847-7** Editors: Dr. M.M. Abid Ali Khan (India), Murtaza Abid (India), Dr. Abdeen Mustafa Omer (United Kingdom), Dr. Syed Rais Haider (India) and Dr. Raaz K. Maheshwari, published by Discovery Publishing House Pvt. Ltd. New Delhi, India 2016

7. **Biodiversity Conservation in Changing Climate, ISBN 978-93-85995-03-3** Editors: Dr. M.M. Abid Ali Khan (India), Murtaza Abid (India), Dr. Abdeen Mustafa Omer (United Kingdom), Dr. S. Nazeer Haider Zaidi (India) and Dr. Raaz K. Maheshwari (India), published by Lenin Media Pvt. Ltd, Delhi, India, 2016.

8. New Innovations in Environmental Biotechnology ISBN 978-93-85995-15-6, Editors: Dr. M.M. Abid Ali Khan (India), Murtaza Abid (India), Dr. Abdeen Mustafa Omer (United Kingdom), Dr. S.N. Pnadey (India) and Dr. Raaz K. Maheshwari (India), published by Lenin Media Pvt. Ltd, Delhi, India, 2016

9. Green Technologies for Environmental Security ISBN: 978-93-8585995-16-3, Editors: Dr. Bina Rani, Dr. M.M. Abid Ali Khan, Murtaza Abid, Dr. S. N. Pandey, Dr. Upma Singh and Dr. Raaz K. Maheshwari published by Lenin Media Pvt. Ltd, Delhi, India, 2017

10. Phytochemistry and Pharmacology of Medicinal Herbs, ISBN: 978-93-85995-46-0 Editors: Prof. Abbas Ali Mahdi, Murtaza Abid, Dr. M.M. Abid Ali Khan and Dr. Raaz K. Maheshwari published by Lenin Media Pvt. Ltd, Delhi, India, 2017

11. Energy, Biodiversity and Eco-Engineering for Conservation of Environment, ISBN: 978-93-5056-850-7, Dr. Abdeen Mustafa Omer (United Kingdom) and Dr. M.M. Abid Ali Khan (India), Discovery Publishing House Pvt. Ltd. New Delhi, India, 2017.

12. Herbal Medicines and Modern Drug Discovery ISBN: 978-93-85995-52-1, Editors: Prof. Abbas Ali Mahdi, Murtaza Abid, Dr. M.M. Abid Ali Khan, Dr. T.S. Naqvi and Dr. Raaz K. Maheshwari, Publisher: Lenin Media Private Limited, Delhi, India, 2017

13. Molecular Biology and Pharmacognosy of Beneficial Plants ISBN: 978-93-85995-56-9 Editors: Prof. Abbas Ali Mahdi, Murtaza Abid, Dr. M.M. Abid Ali Khan, Dr. M.I. Ansari and Dr. Raaz K. Maheshwari Publisher: Lenin Media Private Limited, Delhi, India Year of Publication 2017.

14. Perspectives in Ecotoxicology, ISBN: 978-93-85995-69-9, Edited by Dr. M.M. Abid Ali Khan, Murtaza Abid, Dr. M.I. Ansari and Dr. Harsukh Chharang, Published by Lenin Media Private Limited, Delhi, India, 2018.

15. Sustainable Development and Environmental Management ISBN 978-93-86-841-39-8, authored by Dr. Abdeen Mustafa Omer (United Kingdom), Dr. M.M. Abid Ali Khan (India) and Murtaza Abid, Discovery Publishing House Pvt. Ltd. New Delhi, India, 2017.

16. Bioenergies and Clean Environment, ISBN 978-93-86-841-38-4, authored by Dr. Abdeen Mustafa Omer (United Kingdom), Dr. M.M. Abid Ali Khan (India) and Murtaza Abid, Discovery Publishing House Pvt. Ltd. New Delhi, India, 2017.

17. Lenin Media Medical Dictionary, ISBN: 978-93-85995-57-6, Edited and Compiled by Dr. M.M. Abid Ali Khan, Prof. Abbas Ali Mahdi, Dr. Deepika Sinha and Murtaza Abid, Published by Lenin Media Private Limited, Delhi, India, 2018.

18. Nutraceuticals and Pharmaceuticals from Medicinal Plants ISBN: 93-86841-55-1, Edited by Dr. Pawan Kumar 'Bharti", Dr. M.M. Abid Ali Khan and Dr. Ashok K. Rathoure, Published by Discovery Publishing House Pvt. Ltd. New Delhi, India, 2018.

19. Environmental Toxicology and Bioremediation, ISBN: 978-93-86841-, Edited by: Dr. M.M. Abid Ali Khan; Murtaza Abid; Dr. Deepmala Verma and Prof. (Dr.) Raaz K. Maheshwari, Published by Discovery Publishing House Pvt. Ltd. New Delhi, India, 2019.

20. Emerging Trends in Molecular Plant Medicine, ISBN: 978-93-88854-13-9, Edited by: Dr. M.M. Abid Ali Khan, Prof. (Dr.) Abbas Ali Mahdi, Dr. Agha Parvez Masih; Dr. Shivani Pandey and Murtaza Abid, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2019.

21. Biofuels, Solar Energy and Future Perspectives ISBN 978-93-85995-66-8, Authors: Dr. Mustafa Abdeen Omer (United Kingdom), Dr. M.M. Abid Ali Khan (India) and Murtaza Abid (India), Published by Lenin Media Pvt. Ltd. Delhi, India, 2018.

22. Awadh: History and Oriental Culture, ISBN 978-93-86720-06-01, Authored by Dr. M.M. Abid Ali Khan, Published by Rathore Publishers & Distributors, Ghaziabad, U.P., 2018.

23. Heavy Metals Toxicity in Biological Systems, ISBN: 978-93-86841-84-3, Edited by: Prof. (Dr.) Abbas Ali Mahdi; Murtaza Abid, Dr. M.M. Abid Ali Khan and Dr. Shyam Narain Pandey, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2019.

24. Eco friendly Energy Technologies and Environmental Sustainability in New Millennium, ISBN: 978-93-85995-77-4, Dr. Abdeen Mustafa Omer, Murtaza Abid and Dr. M. M. Abid Ali Khan, Published by Lenin Media Pvt. Ltd. Delhi, India, 2019.

25. Biotechnology in Plant Protection and Crop Improvement, ISBN: 978-93-88854-23-8, Edited by: Dr. M.M. Abid Ali Khan; Murtaza Abid; Dr. Sabiha Kazmi and Dr. M.I. Ansari, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2020.

26. Global Progress in Greener Energies for Sustainable Environment, ISBN: 978-93-88854-28-3, Dr. M.M. Abid Ali Khan, Dr. Abdeen Mustafa Omer, Prof. (Dr.) V.P. Sharma, Dr. Syed Rais Haider and Murtaza Abid, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2020.

27. Ethnobotany and Biochemistry of Medicinal Plants, ISBN: 978-93-88854-29-0, Edited by: Dr. M.M. Abid Ali Khan; Murtaza Abid, Dr. S.N. Pandey and Dr. Satyendra Kumar Yadav, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2020.

28. Environmental Pollution and Climate Change, ISBN: 978-93-88854-30-6, Edited by: Dr. M.M. Abid Ali Khan; Dr. Abdeen Mustafa Omer, Prof. (Dr.) V.P. Sharma and Murtaza Abid, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2020.

29. Environmental Change and Impact on Biological Systems, ISBN 987-81-942846-5-9, Edited by Murtaza Abid, Dr. M.M. Abid Ali Khan, Dr. S.N. Pandey, Dr. Bina Rani and Prof. V.P. Sharma, Published by Lenin Media Pvt. Ltd. Delhi, India, 2020.

30. Secondary Metabolites of Medicinal Herbs (Biochemistry and Therapeutics). ISBN 978-93-88854-49-7, Edited by: Dr. M.M. Abid Ali Khan, Prof. Abbas Ali Mahdi, Murtaza Abid, Dr. T.S. Naqvi, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2020.

31. Plant Secondary Metabolites for Human Health, ISBN 978-93-88854-57-3, Edited by: Dr. M.M. Abid Ali Khan; Murtaza Abid; Dr. S. Rais Haider; Dr. M.I. Ansari, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2021.

32. Climate Change and Future Perspectives, ISBN: 978-93-88854-702, Editors: Murtaza Abid; Dr. M.M. Abid Ali Khan; Dr. Abdeen Mustafa Omer; Dr. Bina Rani, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India), 2021.

33. Plant Proteomics: Concept and Applications ISBN: 978-93-88854-77-1, Edited by Murtaza Abid, M.M. Abid Ali Khan, Amber Hasan and Ratna Katiyar Published by Discovery Publishing House PVT. LTD. New Delhi, India 2021.

Book Chapters

Published by Dr. Mirza Mohd Abid Ali Khan in International and National Books

1. Verma, H.N. and **M.M. Abid Ali Khan** (1991). A soluble protein from a non-host plant stimulating systemic resistance mechanism in systemic hosts, In Sen, C. and Datta, S. (eds). Conference Proceeding: **Biotechnology in Crop Protection**, Symposium Volume, Bidhan Chandra Krishi Vishwavidhalay, Kalyani, W.B. India, pp 149-161.
2. **M.M. Abid Ali Khan**, S. Rais Haider, M. Zahid Rizvi and S. Arshad Hasan Rizvi (2014). Occurrence of Antiviral Systemic Resistance Inducer in *Pseuderanthemum bicolor* Radlk., Its mode of action and Biophysico-Chemical Properties, R.N. Kharwar et al., (eds), **Microbial Diversity and Biotechnology in Food Security** ISBN: 987-81-322-1800-5, DOI 10.1007/978-81-322-1801-2_15, (c) **Springer Publication** 2014, Chapter 15 pp 183-192.
3. **M.M. Abid Ali Khan**, S.N.H. Zaidi, S.H.A. Kazmi and S.A. Musanna (2014). Prevention of Virus Infection and Multiplication by Inducing Virus-Interfering Agent(s) in Treated Crop Plants under Field Conditions, R.N. Kharwar et al., (eds.) **Microbial Diversity and Biotechnology in Food Security**, ISBN: 987-81-322-1800-5, DOI 10.1007/978-81-322-1801-2_15, (c) **Springer Publication** 2014, Chapter 18 pp 217-224.
4. Arshad H. Rizvi, **M.M. Abid Ali Khan**, Praveen C. Verma and Gauri Saxena (2014). Biochemical Activity of *Ocimum gratissimum* Essential Oil against Fruit-Rotting Fungi *Penicillium expansum* and *Penicillium digitatum*, “**Microbial Diversity and Biotechnology and Food Security**”, ISBN 978-81-322-1800-5, I. Kharwar 314192_1_En 1, of the chapter 30, Dr. R.N. Kharwar et al., (eds) DOI 10.1007/978-81-322-1801-2_30, **Springer**, 2014 pp 343-348.
5. Murtaza Abid, **M.M. Abid Ali Khan**, S. Rais Haider and A.A. Mahdi (2015). Research Strategies for Identification and Mechanism of Action of Virus Inhibitory Proteins Occurring in some higher plants, **New Dimensions in Microbiology** ISBN 978-93-85160-84-4, Editors Dr. M.M. Abid Ali Khan, Dr. John K. Grandy (U.S.), Dr. Egamberdieva Dilfuza (Germany), Murtaza Abid, Raaz K. Maheshwari and Dr. T.S. Naqvi, Publishers: **Lenin Media Pvt. Ltd.** Delhi, India, Chapter 25 pp 371-393.

6. Bina Rani, Upma Singh, **M.M. Abid Ali Khan** and Raaz K. Maheshwari (2016). Detrimental Brunt of Acid Rain on Aquatic System and its Mitigation Itineraries. **Environmental Conservation and Sustainable Development** ISBN 978-93-85160-71-4, Editors: Dr. Surendra S. Chauhan, Dr. T.I. Khan, Dr. Pankaj K. Jain and Prama E. Soloman, Publisher: **Lenin Media Pvt. Ltd. Delhi**, India in Collaboration with Indira Gandhi centre for Human Ecology Environmental and Population Studies, University of Rajasthan, Lenin Media, Delhi, Chapter 9, pp 77-99.
7. Bina Rani, **M.M. Abid Ali Khan**, Vikram Singh Chauhan, Murtaza Abid and Raaz K, Maheshwari (2016). Decontamination of Wastewater and Smudged Soil Employing Bioremediation Technologies, **Waste Water Generation**, ISBN 978-935056-792-0. Publishing by **Discovery Publishing House Pvt Ltd**. New, Delhi, India, Chapter 7, 114-138.
8. Bina Rani, Shailendra Patni, Sukhraj Punar, Murtaza Abid, **M.M. Abid Ali Khan** and Raaz K Maheshwari (2016). Employing Various Bioadsorbents to Mitigate Fluoride Ion Occurring in Groundwater of Nagaur City, Rajasthan, **Technologies for Renewable Energy and Water Conservation**, ISBN 978-93-85882-53-1, Editors: Dr. Bina Rani, Murtaza Abid, Dr. M.M. Abid Ali Khan, Dr. Abdeen Mustafa Omer (U.K.), Dr. S. Rais Haider and Dr. Raaz K. Maheshwari, Publishers: **Harshwardhan Publication Pvt. Ltd.**, Maharashtra, India, Chapter 12, pp 225-245.
9. Raaz K. Maheshwari, Murtaza Abid and **M.M. Abid Ali Khan** (2016). Climatic Change and Marine Livelihood, **Biodiversity Conservation in Changing Climate** ISBN 978-93-85995-03-3, Editors: M.M. Abid Ali Khan, Murtaza Abid, Abdeen Mustafa Omer (U.K.), S. Nazeer Haider Zaidi and Raaz K. Maheshwari, Publisher: **Lenin Media Pvt. Ltd**, Delhi, India, Chapter 4 pp 74-99.
10. **71.** Bina Rani, **M.M. Abid Ali Khan** and Raaz K. Maheshwari (2016). Water issues Including Pollution and Management Strategies in India, **Biodiversity Conservation in Changing Climate** ISBN 978-93-85995-03-3, Editors: M.M. Abid Ali Khan, Murtaza Abid, Abdeen Mustafa Omer, S. Nazeer Haider Zaidi and Raaz K. Maheshwari, Publisher: **Lenin Media Pvt. Ltd**, Delhi, India, Chapter 5, pp 100-112.
11. Bina Rani, Murtaza Abid, Raaz K. Maheshwari and **M.M. Abid Ali Khan** (2016). Hazards and Management of Solid Waste, **New Innovations in Environmental Biotechnology**, ISBN: 978-93-85995-03-3, Editors: Dr. M.M. Abid Ali Khan, (India) Murtaza Abid (India), Dr. Abdeen Mustafa Omar (United Kingdom), Dr. S.N. Pandey and Dr. Raaz K. Maheshwari (India), Published by **Lenin Media Private Limited**, Delhi, India, Chapter 5 pp, 206-239.

12. Deepmala Verma, Itishree Bhati, **M.M. Abid Ali Khan**, Murtaza Abid and Raaz K. Maheshwari (2016). Decontamination of Wastewater Employing Bioremediation Technologies, **New Innovations in Environmental Biotechnology** ISBN 978-93-85494-18-5, Editors Dr. M.M. Abid Ali Khan (India), Murtaza Abid (India), Dr. Abdeen Mustafa Omar (United Kingdom), Dr. S.N. Pandey (India) and Dr. Raaz K. Maheshwari (India), Published by **Lenin Media Private Limited**, Delhi, India, Chapter 17, pages 432-450.
13. Upma Singh, Bina Rani, Murtaza Abid, **M.M. Abid Ali Khan** and Raaz K. Maheshwari (2016). Sustainability of Green Chemistry for Enhanced Livelihood: A Confront of 21st Century Upma Singh, Book: **Green Technologies for Environmental Security** ISBN: 978-93-8585995-16-3, Dr. Bina Rani, Dr. M.M. Abid Ali Khan, Murtaza Abid, Dr. S.N. Pandey, Dr. Upma Singh and Prof. Raaz K. Maheshwari, Published by **Lenin Media Private Limited**, Delhi, India, pages Chapter 7, pages 109-131.
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