



Kamal Kishore Chaudhary (M.Sc., PhD)

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Educational Qualifications

- **Ph. D** “Evaluation of biocidal potential of bacterial anta gonist, *Pasteuria penetrans* against root-knot nematode *Meloidogyne* species.” from Central Arid Zone Research Institute (ICAR) - 2005.

Academic and Research Experience – 15 Years

College and University Teaching Experience

International University Experience

1. **Ethiopia:** Samara University, Samara, Ethiopia - January, 2009 – July, 2010
2. **Eritrea:** Hamelmalo Agricultural College – Hamelmalo, Keren, Eritrea. December, 2010 – January, 2012.

National University Experience

1. **Assistant Professor** - M.G.P.G. College, Srimadhapur, Sikar, Rajasthan – July 2005 to November, 2008
2. **Reader** - Mangalayatan University, Beswan, Aligarh – 4th July, 2012 to 4th July, 2014
3. **Associate Professor** - Jaipur National University, Jaipur, Rajasthan - 5th July, 2014 to 15th November, 2014

Current Position

1. **State Education System, Government of Rajasthan, India – 17th November, 2014 to Continuing**

Editorial Experience

- **Members of International Society**
 - The Organization of Nematologists of Tropical America (ONTA), America
- **Editor in Chief** – South Asian Journal of Experimental Biology, ISSN : 2230-9799
<http://www.sajeb.org> (From January 2010 to February, 2014)
- **Managing Editor** – Journal of Experimental Biology and Agricultural Sciences, ISSN:2320-8694, www.jebas.org (From March 2013 to Continuing)
- **Organizing Secretary-** National Conference on Bioprocess Technology: Basic Advancement & Challenges (BTBAC-2014) held on September, 2014 at School of Life

Sciences, Jaipur National University, Jaipur, Rajasthan, India.

- **Member of Editorial Board**

1. Journal of Experimental Sciences (For Life Science Category) ISSN: 2218-1768; <http://jexpsciences.com/about/editorial>
2. INTERNATIONAL JOURNAL OF RECENTSCIENTIFIC RESEARCH (For Agriculture Category) ISSN: 0976-3031; <http://recentscientific.com/editorial-board>

Research Papers

International

1. **Kamal K. Chaudhary**, Gautam Kumar, Anusheel Varshney, Mukesh K. Meghvansi, Syed Farook Ali, Kumaragurubaran Karthik, Kuldeep Dhama, Sazada Siddiqui, Ramesh K. Kaul (2018) Ethnopharmacological and Phytopharmaceutical Evaluation of *Prosopis cineraria*: An overview and future prospects. *Central Drug Metabolism* 19: 192-214 (**Impact 2.659**).
2. Gautam Kumar, **Kamal Kishore Chaudhary**, Krishna Misra, Anushree Tripathi (2017) Next-Generation Sequencing for Drug Designing and Development: An Omics Approach for Cancer Treatment. *International Journal of Pharmacology* 13 (7): 709-723 (**Impact 0 .652**).
3. Meghvansi MK, Khan MH, Gupta R, **Chaudhary K.K.**, Siddiqui S, Veer V (2015) Vermibiotechnology: Relevance, Challenges and Future Prospects for India. *South Asian Journal of Experimental Biology* 5 : 222-228
4. **Chaudhary, K.K.**, Kaul, R. K. (2013). Efficacy of *Pasteuria penetrans* and Various Oil Seed Cakes in Management of *Meloidogyne incognita* in Chilli pepper (*Capsicum annuum* L.). *Journal of Agricultural Science and Technology* 15: 617-626 (**Impact 0 .685**).
5. **Chaudhary, K.K.**, Adugna Haile, Zeru Gebremichael Ayresea, Grmay Semereab, Tecleab Weldegergish (2013). Nematicidal Activity of Eritrean Weed Plants Against the Root-Knot Nematode *Meloidogyne incognita* (Kofoid and White). *Nematropica* 43:207-215 (**Impact 0 .652**).
6. **Chaudhary, K.K.**, Daniel Brhane, Habtom Okube, Temesgen Zaid, Eyob Dagneu (2011). Distribution, frequency of occurrence and population density of root knot nematode in Hamelmalo – Eritrea. *African Journal of Microbiology Research*, 5(31):5656-5661. Available online DOI: 10.5897/AJMR11.809. (**Impact 0 .539**)
7. **Chaudhary, K.K.** Kaul, R. K. (2011). Compatibility of *Pasteuria penetrans* with fungal parasite *Paecilomyces lilacinus* against root knot nematode on chilli (*Capsicum annuum* L.). *South Asian Journal of Experimental Biology* 1 (1): 36-42. Available online

<http://www.sajeb.org>

8. **Chaudhary, K.K., Kaul, R. K. (2010).** Effect of the time of application on the biocontrol efficacy of *Pasteuria Penetrans* against Root-Knot Nematode *Meloidogyne incognita*. Journal of Phytology 2 (7): 70-74 Available Online: www.journal-phytology.com
9. Kaul, R.K., **Choudhary, K.K. (2006).** Aseptic establishment of *Pasteuria penetrans* on *Meloidogyne incognita* root cultures. International Journal of Nematology **16 (1):**85-88.

(NAAS rating of Scientific Journals 2007, 5.0 Point)

National

1. **Chaudhary, K.K. and Kaul, R.K. (2009).** Effect of different doses of *Pasteuria penetrans* infested soil on transplant application of chilli on management of root nematode. *Plant Disease Research* 25(1): 59-60. **(NAAS rating of Scientific Journals 2010, 3.1 Point)**
2. **Kaul, R.K. and Chaudhary, K.K. (2009).** Effect of single and combined application of *Pasteuria penetrans* with carbofuran on multiplication of *Meloidogyne incognita* on chilli. *Plant Disease Research* 25(1): 51-54. **(NAAS rating of Scientific Journals 2010, 3.1 Point)**
3. **Kaul, R.K., Dhawan, S.C. and Choudhary, K.K. (2008).** Occurrence of *Pasteuria* Spores in *Tylenchorhynchus* species.- a new record from India. *Indian Journal of Nematology* **38 (2):**251-252. **(NAAS rating of Scientific Journals 2007, 3.0 Point)**
4. **Kaul, R.K. and Chaudhary, K.K. (2005).** Viability of *Pasteuria penetrans* parasitizing *Meloidogyne incognita* under different conditions. *Indian Journal of Nematology* **35:** 172-175. **(NAAS rating of Scientific Journals 2007, 3.0 Point)**

Article in book as chapter:

1. **Meghvansi, M. K., Chaudhary, K. K. and Prasad, K. 2007.** Arbuscular Mycorrhizal Symbiosis: An Overview of Research and Extension needs. In Tiwari, M. and Sati, S. C. (Eds.). The Mycorrhizae: Diversity, Ecology and Applications. Daya Publishing House, New Delhi, pp. 87-101.
2. **Chaudhary, K. K. and Haile, A. (2012).** Diversity of Plant Parasitic Nematode with Special Reference to Root knot Nematode, *Meloidogyne* species in the Hamelmalo and Keren Sub Zoba of Zoba Anseba, Eritrea (North East Africa). In: Meena K.L. (ed.). Proceedings National Conference on Biodiversity Depletion: Causes, Consequences and Solutions. Scientific Publisher, Jodhpur, Rajasthan, India

3. Sazada Siddiqui, Saad Alamri, Sulaiman Alrumman, Mukesh K. Meghvansi, **K. K. Chaudhary**, Mona Kilany, and Kamal Prasad (2015) **Role of Soil Amendment with Micronutrients in Suppression of Certain Soilborne Plant Fungal Diseases: A Review.** In: **Meghvansi MK, Varma A** (Eds.) Organic Amendments and Soil Suppressiveness in Plant Disease Management, Soil Biology 46. **Springer International Publishing, Switzerland. DOI 10.1007/978-3-319-23075-7_17.**
4. Mohammad Haneef Khan, M.K. Meghvansi, Rajeev Gupta, **K.K. Chaudhary**, Kamal Prasad, Sazada Siddiqui, Vijay Veer, and Ajit Varma (2015) **Combining Application of Vermiwash and Arbuscular Mycorrhizal Fungi for Effective Plant Disease Suppression.** In: **Meghvansi MK, Varma A** (Eds.) Organic Amendments and Soil Suppressiveness in Plant Disease Management, Soil Biology 46. **Springer International Publishing, Switzerland. DOI 10.1007/978-3-319-23075-7_23.**
5. Mukesh K. Meghvansi, **K. K. Chaudhary**, Mohammad Haneef Khan, Sazada Siddiqui, and Ajit Varma (2020) Molecular Tools and Techniques for Understanding the Microbial Community Dynamics of Vermicomposting. In: M. K. Meghvansi, A. Varma (eds.), Biology of Composts, Soil Biology 58, https://doi.org/10.1007/978-3-030-39173-7_7 (In Press)

Paper Presented at Symposia / Conferences:

1. **Chaudhary, K. K. and Haile, A. (2012).** Diversity of Plant Parasitic Nematode with Special Reference to Root knot Nematode, *Meloidogyne* species in the Hamelmalo and Keren Sub Zoba of Zoba Anseba, Eritrea (North East Africa). “National Conference on Biodiversity Depletion: Causes, Consequences and Solutions” held at M. L. V. Govt. College, Bhilwara, Rajasthan during September 28-29, 2012
2. **Chaudhary, K.K. and Kaul, R.K. (2009).** Integration of *Pasteuria penetrans* with oil cakes for the management of *Meloidogyne incognita* on Chilli. International Conference on “Nurturing Arid Zones for People and the Environment: Issues and Agenda for the 21st Century”, held at CAZRI, Jodhpur, Rajasthan during Nov, 24-28, 2009.
3. **Kaul, R.K. and Choudhary, K.K. (2005).** Efficacy of single and combined application of *Pasteuria penetrans* and *Paecilomyces lilacinus* for management of *Meloidogyne incognita*

on chilli. National Symposium on recent Advances and Research priorities in Indian Nematology, Held at IARI, New Delhi during Dec. 9-10, 2005.

4. **Siddiqui, S., Chaudhary, K.K. and Meghvansi, M.K. (2005).** Phytoremediation: An alternative approach for the restoration of heavy metal polluted sites. Proc. National Conference on Management of land Resources & Development studies. Bundelkhand University, Jhansi during Oct. 18-19, 2005.
5. **Meghvansi, M.K., Siddiqui, S and Chaudhary, K.K. (2005).** Potential of Microbes in environmental clean-up strategy. Proc. National Conference on Management of land Resources & Development studies. Bundelkhand University, Jhansi during Oct. 18-19, 2005.
6. **Kaul, R.K. and Choudhary, K.K. (2005).** Establishment of *Pasteuria penetrans* in root culture of chilli. National Symposium on Paradigms in Nematological research for biodynamic farming, held at university of agricultural sciences, GKVK Bangalore (Karnataka) during Nov. 17-18, 2004.
7. **Kaul, R.K, Khan Injela and Chaudhary, K.K. (2002).** In vitro screening of different isolates of *Paecilomyces lilacinus* against eggs of *Meloidogyne Incognita*. National Symposium on Biodiversity and management of nematode in cropping system for sustainable agriculture, held at ARS,Durgapura, Rajasthan Agriculture University, Bikaner during Nov. 11-13, 2002.
8. **Kaul, R.K, Khan Injela and Chaudhary, K.K. (2002).** Efficacy of different substrates for mass culture of *Paecilomyces lilacinus*. National Symposium on Biodiversity and management of nematode in cropping system for sustainable agriculture, held at ARS,Durgapura, Rajasthan Agriculture University, Bikaner during Nov. 11-13, 2002.
9. **Kaul, R.K, Khan Injela and Chaudhary, K.K. (2002).** Parasitization of eggs of root-knot nematode by *Paecilomyces lilacinus*. Regional workshop on pest and disease scenario in Aris – Silvi – Horti – Pastoral System, held at CAZ RI, Jodhpur (Rajasthan) during September 3-4, 2002.
10. **Kaul, R.K, Khan Injela and Chaudhary, K.K. (2002).** Response of different cereal grains for mass culture of *Paecilomyces lilacinus*. Regional workshop on pest and disease scenario in Aris – Silvi – Horti – Pastoral System, held at CAZRI, Jodhpur (Rajasthan) during September 3-4, 2002.

Conference/ Symposium/Workshop Conducted

- Jawahar Lal Nehru National Science exhibition for children, Regional Institute of education, Bhubneswar, orrissa. 13-19 January, 1997.
- Regional workshop on pest and diease scenario in Aris – Silvi – Horti – Pastoral System, CAZRI, Jodhpur (Rajasthan) 3-4 September, 2002
- National Symposium on Biodiversity and management of nematode in cropping systefor sustainable agriculture, Durgapura, Jaipur (Rajasthan) 11-13 November, 2002.
- National Conference on Biodiversity Depletion: Causes, Consequence and Solutions, Bhilwara (Rajasthan) 28-29 September, 2012.
- National Conference on Bioprocess Technology: Basic Advancement & Challenges (BTBAC-2014) held on September, 2014 at School of Life Sciences, Jaipur National University, Jaipur, Rajasthan, India.