



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

International Visits

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

10. **K. K. Chaudhary**, Archana Pal, Gautam Kumar, Anusheel Varshney (2016) In-vitro screening for Antibacterial activity of Acacia species. South Asian Journal of Experimental Biology 6 (4). (Accepted for Publication).

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.**

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.

