

Publications during last Five Years

1. **Kumar M**, Yadav, V., Tuteja, N. and Johri, A.K. (2009) Antioxidant enzyme activities in maize plants colonized with *Piriformospora indica*. **Microbiology**, 155:780-790.
2. **Kumar M[#]**, Yadav, V[#]., Deep, D.K., Kumar, H., Sharma, R., Tripathy, T., Saxena, A., Tuteja, N., Johri, A.K. (2010) A Phosphate Transporter from A Root Endophytic Fungus *Piriformospora indica* plays a Role in the Phosphate Transfer to the Plants. **Journal of Biological Chemistry**, 285: 26532- 26544. (#, Equal Authorship)
3. **Kumar M**, Yadav, V., Kumar, H., Sharma, R., Singh, A., Tuteja, N., Johri, A.K. (2011) *Piriformospora indica* enhances plant growth by transferring Phosphate. **Plant Signaling and Behavior**, 6(5):723-725.
4. Jogawat A, Saha S, Bakshi M, Dayaman V, **Kumar M**, Dua M, Varma A, Oelmüller R, Tuteja, N., Johri, A.K. (2013) *Piriformospora indica* rescues growth diminution of rice seedlings during high salt stress. **Plant Signaling and Behavior**, 8 (10):e26891 (1-6).
5. **Kumar M**, Sharma, R., Jogawat, A., Singh, P., Dua, M., Tuteja, N., Varma, A.K., Oelmüller, R. and Johri, A.K. (2012) "Role of *Piriformospora indica* in Abiotic stress tolerance, In, Improving Crop resistance to abiotic stress (Eds. Tuteja, N., Gill, S.S., Tiburcio, A.F. and Tuteja, R.). **Wiley Blackwell**. pp 543-558.
6. Varma A., Sherameti I., Tripathi S., Prasad R., Das A., Sharma M., Bakshi M., Johnson J.M., Bhardwaj S., Arora M., Rastogi K., Agrawal A., Kharkwal A.C., Talukdar S., Bagde U.S., Bisaria V.S., Upadhyaya C.P., Won P.S., Chen Y., Ma J., Lou B., Adya A., Zhang L., Meghvansi M.K., Sree K.S., Gosal S.K., Srivastava R.B., Johri A.K., **Kumar M.**, Dua M., Cruz C., Oelmu" ller R. (2012) The Symbiotic Fungus *Piriformospora indica*: Review, In, Fungal Associations, 2nd Edition, The Mycota IX (Ed. Hock, B.). **Springer-Verlag Berlin Heidelberg**. pp 231-254.
7. **Kumar M**, Sharma, R., Dua, M., Tuteja, N. and Johri, A.K. (2013) "Electrotransformation" A Transformation System for Root Endophytic Fungus *Piriformospora indica*, In, *Piriformospora indica*: Sebaciales and Their Biotechnological Applications (Eds. Varma, A.K., Kost, G. and Oelmüller, R.) **Springer-Verlag Berlin Heidelberg**. pp 309-321.