

## DR. SARTAJ ALAM SYED

### Research Publications in chronological order

1. Aqleem Abbas, SyedaSohaila Naz and **Syed SartajAlam** 2015: Antimicrobial activity of silver nanoparticles (AgNPs) against *Erwinia carotovora* pv. *carotovora* and *Alternaria solani*. *International journal of bioscience*, Vol. 6, No. 10, p. 9-14, 2015.
2. Syeda Naz, Muhammad Shah, Nazar Islam, Ajmal Khan, Samina Nazir, Sara Qaisar, **Syed Alam**. Synthesis and bioactivities of silver nanoparticles capped with 5-Amino-beta-resorcylic acid hydrochloride dehydrate. *Journal of Nanobiotechnology* 2014, **12**:34: **(impact factor 4.08)**
3. Asma Akbar, Subhan ud Din, Mushraf Ahmad, Gul daraz Khan, **Sartaj Alam**: Effect of Phytobiocides in Controlling Soft Rot of Tomato . *Journal of Natural Sciences Research*. Vol 4, No 11 (2014)
4. Hafiz farhad ali, Ayesha bibi, musharaf ahmad, muhammad junaid, Asad ali, Shaukat hussain, shah alam and **sartaj alam**. 2014: Characterization of the causal organism of blackleg and soft rot of potato, and management of the disease with balanced fertilization. *Pak. J. Bot.*, 46(6): 2277-2284, 2014. **(impact factor 0.82)**
5. Syeda Sohaila Naz, Nazar Ul Islam, Muhammad Raza Shah, **Syed Sartaj Alam**, Zafar Iqbal, Massimo Bertino, Louis Franzel, Afifa Ahmed: 2013 Enhanced biocidal activity of Au nanoparticles synthesized in one pot using 2, 4-dihydroxybenzene carbodithioic acid as a reducing and stabilizing agent. *Journal of Nanobiotechnology* 2013, **11**:13 **(impact factor 4.08)**
6. **Syed Sartaj ALAM**, Kazunori SAKAMOTO and Kazuyuki INUBUSHI 2011: Biocontrol Efficiency of Fusarium Wilt Diseases by a Root-colonizing Fungus *Penicillium* sp. *Soil Science and Plant Nutrition*, Vol. 57, No.1, Pp. 204-212 **(Impact Factor 0.989)**
7. Raham Sher Khan, **Syed Sartaj Alam**, Iqbal Munir, Pejman Azadi and Ikuo Nakamura *et al.* 2011. *Botrytis cinerea* resistant marker-free *Petunia hybrida* produced using the MAT vector system. *Plant cell, tissue and organ culture*. Vol. 106, No. 1, Pp: 11-20 **(Impact Factor 2.61)**
8. **Syed Sartaj ALAM**, Kazunori SAKAMOTO and Kazuyuki INUBUSHI 2011: Effect of

*Penicillium* sp. EU0013 inoculation on tomato growth and Fusarium wilt. *Hortresearch*, Vol. 65 Pp. 69-73

9. **Syed Sartaj Alam**, Kazunori Sakamoto, Yoshimiki Amemiya and Kazuyuki Inubushi **2010**: Biocontrol of soil-borne Fusarium wilts of tomato and cabbage with a rootcolonizing fungus, *Penicillium* sp. EU0013. Proceedings of 19th World Congress of Soil Science, Pp. 20-22 Published on DVD.
10. **Syed Sartaj Alam** and Shabeer Ahmad. **2005**. Identification of rust pathogen species isolated from different Garlic cultivars planted in District Swabi, NWFP. *Sarhad j. Agric.Vol.21, No, 1. Pp:109-111*
11. **Syed Sartaj Alam**, Musharaf Ahmad, Shah Alam, Amjad usman and Mian Ishaq Ahmad. **2007**. Variation in Garlic cultivars for reaction to natural infection of *Puccinia porri* wint and *Alternaria porri* Clif at Swabi, NWFP. *Sarhad j. Agri. Vol.23, No, 1. Pp:149-152*
12. Ahmad, M., **Alam, S.S.**, Alam, S., Usman, A. and David L. Coplin **2007**. Export of the HR eliciting protein, Harpin<sub>ES</sub>, of the maize pathogen *Erwinia stewartii* is species-specific but is independent of the growth temperature. *Pak. J. Biol. Sci.* 10(1): 117-121.
13. Ahmad, M., **Alam, S. S.**, Usman, A., Majerczak, D. R. and Coplin, D. L. **2006**. Exploring the functions of genes co-regulated with the *hrpN* gene of the corn pathogen *Erwinia (Pantoea) stewartii*. *Mycopath.* 4(2): 5-8.
14. Ahmad, M., **Alam, S. S.**, Usman, A., Anis-Ur Rahman and Coplin, D. L. **2006**. Host range study and production of harpin<sub>ES</sub> by *Pantoea stewartii* subsp. *indologenes*, a bacterium closely related to the corn pathogen, *Erwinia stewartii*. *Indus J. Plant Sci.* 3(2): 762-767.
15. Ahmad, M., **Alam, S. S.**, Alam, S., Khan, I. A., and Ahmad, N. **2006**. Evaluation of wheat germplasm against yellow rust (*Puccinia striiformis* f.sp *tritici*) under natural conditions. *Sarhad J. Agric.* 22 (4) 661-665.
16. Tahir, M., Ahmad, M., Shah, M., **Alam, S. S.**, and Haq, G. **2006**. Effect of various inter-

and intra row spacing on the intensity of downy mildew of onion. Sarhad J. Agric. 22 (1) 105-106.

17. Tahir, M., Ahmad, M., Shah, M., **Alam, S. S.**, Khattak, M. K. **2006**. Field efficacy of different spray fungicides on the severity of garlic rust, *Puccinia porri* Wint. Sarhad J. Agric. 22 (2) 317-319.
18. Shah, M., Tahir, M., Ahmad, M., **Alam, S. S.**, and Haq, G. **2006**. Screening of garlic varieties/lines for resistance to rust (*Puccinia porri*) under natural field conditions. Sarhad J. Agric. 22 (1) 107-110.