

FIVE TOP MOST PUBLICATIONS

1. **Ali, S.A.**, Grossmann, J.G. Abbasi, A. and Voelter, W. (2007) Structural and conformational analysis of scorpion (*Buthus indicus*) hemocyanin using low resolution techniques. *Protein Peptide Lett.*, 14(5): 481-488.
2. **Ali, S.A.**, Wang, B., Alam, M., Beck, A., Stoeva, S., Voelter, W., Abbasi, A. and Duszenko, M. (2006) Structure-activity relationship of an α -toxin Bs-Tx28 from scorpion (*Buthus indicus*) venom suggests a new α -toxin subfamily. *Arch. Biochem. Biophys.* 445: 81-94.
3. **Ali, S.A.**, Stoeva, S., Grossmann, J.G., Abbasi, A., and Voelter, W. (2001) Purification, characterization and primary structure of four depressant insect-selective neurotoxin analogues from the scorpion (*Buthus indicus*) venom. *Arch. Biochem. Biophys.* 391(2): 197-206.
4. **Ali, S.A.**, Stoeva, S., Abbasi, A., Alam, J.M., Kayed, R., Faigle, M., Neumeister, B. and Voelter, W. (2000) Isolation, structural, and functional characterization of an Apoptosis-Inducing L-amino acid oxidase from Leaf-nosed viper (*Eristocophis macmahoni*) snake venom. *Arch. Biochem. Biophys.* 384(2): 216-226.
5. Grossmann, J.G., **Ali, S.A.**, Abbasi, A., Zaidi, Z.H., Stoeva, S., Voelter, W. and Hasnain, S.S. (2000) Molecular conformations of single functional subunits from arthropodan and molluscan hemocyanins studied by solution X-ray scattering. *Biophys. J.* 78(2): 977-981.
6. Sattar, R., **Ali, S.A.** and Abbasi, A. (2003) Bioinformatics of granzymes: sequence comparison and structural studies on granzyme family by homology modeling. *Biochem. Biophys. Res. Commun.* 308: 726-735.