Publications in peer reviewed international journals and symposia/conference presentations are given below.

**List of journal publications:**

1. **Amit Das**, S.Bihani, V.Prashar, J.-L.Ferrer and M.V.Hosur;
   “Crystal structures of complexes of wild-type and V82F mutant HIV-1 Protease with ritonavir - insights into drug resistance.”
   Manuscript submitted for publication.

2. **Amit Das**, J.-L.Ferrer and M.V.Hosur;
   “X-ray snapshots of HIV-1 protease catalysis and substrate recognition”;

   “X-ray snapshot of HIV-1 protease in action: observation of tetrahedral intermediate and its SIHB with catalytic aspartate”;
   *Journal of American Chemical Society* (2010), 132, 6366-6373. *This paper has been selected to be published in JACS Select, 2011.*

4. **Amit Das**, D.R.Rao and M.V.Hosur;
   “X-ray Structure of HIV-1 Protease Tethered Dimer Complexed to Ritonavir”;

   “X-ray structure of insitu HIV-1 protease-product complex: observation of a LBHB between catalytic aspartates”;
   *Proceedings of National Academy of Sciences, USA* (2006), 103 (49), 18464-18469.

6. S.Bihani, **Amit Das**, V.Prashar, J.-L.Ferrer and M.V.Hosur;
   “X-ray structure of in-situ HIV-1 protease-product complex”;

7. V.Prashar, **Amit Das**, S.C.Bihani, J.-L.Ferrer and M.V.Hosur;
   “Catalytic water co-existing with product peptide in the active site of HIV-1 Protease: Insights into the reaction mechanism”;

**List of symposia presentations, conferences, etc.:**

1. M.V. Hosur, S.Bihani, V.Prashar and **Amit Das**;
   "X-ray structures of drug resistant HIV-1 protease and drug complexes";


