

LIST OF PUBLICATIONS : 2007 to 2015 (as of 19th October 2015)

BM14 Publications

Year	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Publications	33*	63	74	67	58	60	63	61	70	58

*as of 1 September 2016

1. Abhinav KV, Sharma K, Swaminathan CP, Surolia A, Vijayan M: **Jacalin–carbohydrate interactions: distortion of the ligand molecule as a determinant of affinity**. *Acta Crystallographica Section D Biological Crystallography* 2015, **71**:324–331.
2. Arif SM, Geethanandan K, Mishra P, Surolia A, Varshney U, Vijayan M: **Structural plasticity in *Mycobacterium tuberculosis* uracil-DNA glycosylase (Mt Ung) and its functional implications**. *Acta Crystallographica Section D Biological Crystallography* 2015, **71**:1514–1527.
3. Bandyopadhyay D, Murthy MRN, Balam H, Balam P: **Probing the role of highly conserved residues in triosephosphate isomerase – analysis of site specific mutants at positions 64 and 75 in the Plasmodial enzyme**. *FEBS J* 2015, **282**:3863–3882.
4. Banger M, Panigrahi R, Sagurthi SR, Savithri HS, Murthy MRN: **Structural and functional analysis of two universal stress proteins YdaA and YnaF from *Salmonella typhimurium*: possible roles in microbial stress tolerance**. *Journal of Structural Biology* 2015, **189**:238–250.
5. Barathy DV, Bharambe NG, Syed W, Zaveri A, Visweswariah SS, Colaço M, Misquith S, Suguna K: **Autoinhibitory mechanism and activity-related structural changes in a mycobacterial adenyl cyclase**. *Journal of Structural Biology* 2015, **190**:304–313.
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7. Bowler MW, Mueller U, Weiss MS, Sanchez-Weatherby J, Sorensen TL-M, Thunnissen MMGM, Ursby T, Gobbo A, Russi S, Bowler MG, et al.: **Automation and Experience of Controlled Crystal Dehydration: Results from the European Synchrotron HC1 Collaboration**. *Crystal Growth & Design* 2015, **15**:1043–1054.
8. Caillat C, Macheboeuf P, Wu Y, McCarthy AA, Boeri-Erba E, Effantin G, Göttlinger HG, Weissenhorn W, Renesto P: **Asymmetric ring structure of Vps4 required for ESCRT-III disassembly**. *Nature Communications* 2015, **6**:8781.
9. Chand MK, Nirwan N, Diffin FM, van Aelst K, Kulkarni M, Pernstich C, Szczelkun MD, Saikrishnan K: **Translocation-coupled DNA cleavage by the Type ISP restriction-modification enzymes [Internet]**. *Nat Chem Biol* 2015, **advance online publication**.
10. Chandran AV, Prabu JR, Nautiyal A, Patil KN, Muniyappa K, Vijayan M: **Structural studies on *Mycobacterium tuberculosis* RecA: Molecular plasticity and interspecies variability**. *J Biosci* 2015, **40**:13–30.
11. Chandran T, Sharma A, Vijayan M: **Structural studies on a non-toxic homologue of type II RIPs from bitter gourd: Molecular basis of non-toxicity, conformational selection and glycan structure**. *J Biosci* 2015, **40**:929–941.
12. Cohen-Dvashi H, Cohen N, Israeli H, Diskin R: **Molecular Mechanism for LAMP1 Recognition by Lassa Virus**. *J. Virol.* 2015, **89**:7584–7592.
13. De Henau S, Tilleman L, Vangheel M, Luyckx E, Trashin S, Pauwels M, Germani F, Vlaeminck C, Vanfleteren JR, Bert W, et al.: **A redox signalling globin is essential for reproduction in *Caenorhabditis elegans***. *Nature Communications* 2015, **6**:8782.

14. Delaforge E, Milles S, Bouvignies G, Bouvier D, Boivin S, Salvi N, Maurin D, Martel A, Round A, Lemke EA, et al.: **Large-Scale Conformational Dynamics Control H5N1 Influenza Polymerase PB2 Binding to Importin α** . *J. Am. Chem. Soc.* 2015, **137**:15122–15134.
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18. Eerde A van, Grahn EM, Winter HC, Goldstein IJ, Kregel U: **Atomic-resolution structure of the α -galactosyl binding Lyophyllum decastes lectin reveals a new protein family found in both fungi and plants**. *Glycobiology* 2015, **25**:492–501.
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20. Gadd MS, Bulatov E, Ciulli A: **Serendipitous SAD Solution for DMSO-Soaked SOCS2-ElonginC-ElonginB Crystals Using Covalently Incorporated Dimethylarsenic: Insights into Substrate Receptor Conformational Flexibility in Cullin RING Ligases**. *PLoS ONE* 2015, **10**:e0131218.
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27. Kanteev M, Bregman-Cohen A, Deri B, Shahar A, Adir N, Fishman A: **A crystal structure of 2-hydroxybiphenyl 3-monooxygenase with bound substrate provides insights into the enzymatic mechanism**. *Biochimica et Biophysica Acta (BBA) - Proteins and Proteomics* 2015, **1854**:1906–1913.
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33. Majumder S, Khamrui S, Banerjee R, Bhowmik P, Sen U: **A conserved tryptophan (W91) at the barrel-lid junction modulates the packing and stability of Kunitz (STI) family of inhibitors.** *Biochimica et Biophysica Acta (BBA) - Proteins and Proteomics* 2015, **1854**:55–64.
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2014

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5. Barak R, Lahmi R, Gevorkyan-Airapetov L, Levy E, Tzur A, Opatowsky Y: **Crystal structure of the extracellular juxtamembrane region of Robo1**. *Journal of Structural Biology* 2014, **186**:283–291.
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30. Khan S, Sharma A, Belrhali H, Yogavel M, Sharma A: **Structural basis of malaria parasite lysyl-tRNA synthetase inhibition by cladosporin.** *J Struct Funct Genomics* 2014, **15**:63–71.
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