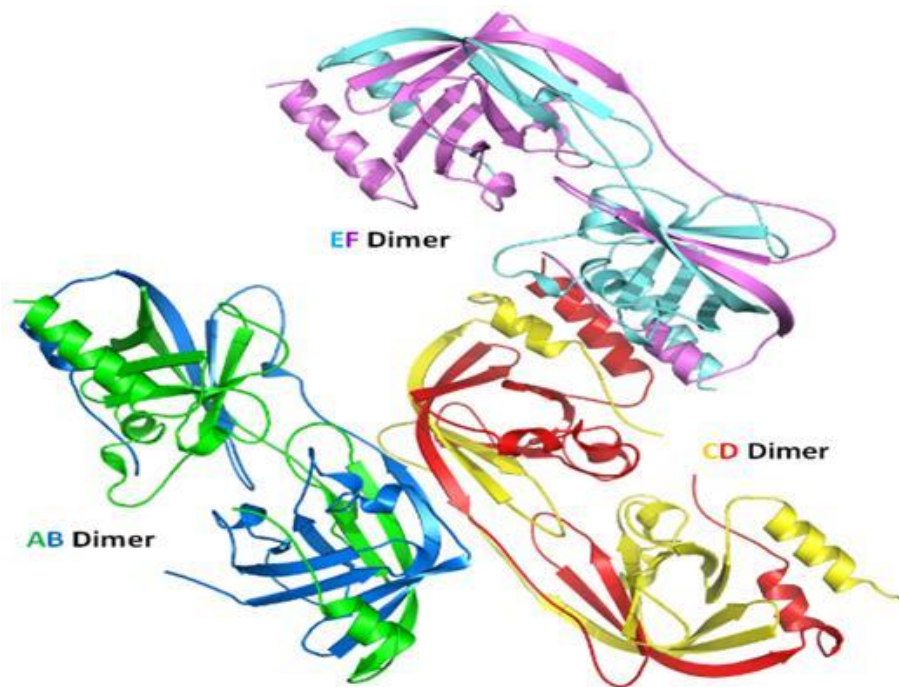


Interrogation of 3D-swapped structure and functional attributes of quintessential Sortase-A from *Streptococcus pneumoniae*

The inter-institutional collaboration between the laboratories of Dr RP Roym from DBT's National Institute of Immunology (NII), New Delhi, and Prof S Ramakumar from Indian Institute of Science (IISc), Bangalore have delineated the structural, biochemical and regulatory role of a housekeeping transpeptidase (Sortase A) which is considered a drug target in *Streptococcus pneumoniae* and other pathogenic Gram-positive bacteria. The upstream knowledge emanating from this research is likely to facilitate the design and development of a clinical inhibitor against *Streptococcus pneumoniae*. This work was published in the *Biochemical Journal*.



Continued inter-institutional collegial collaboration between NII and IISc has unraveled the structural, biochemical and regulatory role of an inter-twined 3D-swapped architecture of transpeptidase sortase from *S. pneumoniae*

Link: <https://pubmed.ncbi.nlm.nih.gov/33236758/>

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