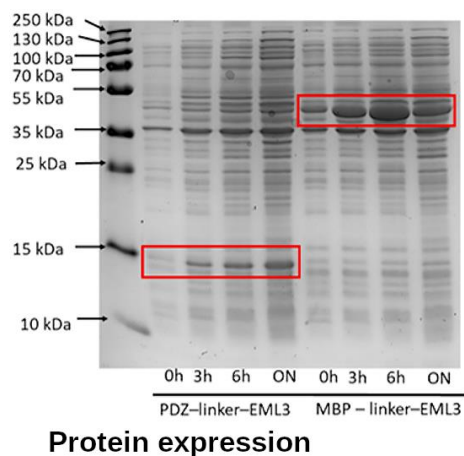


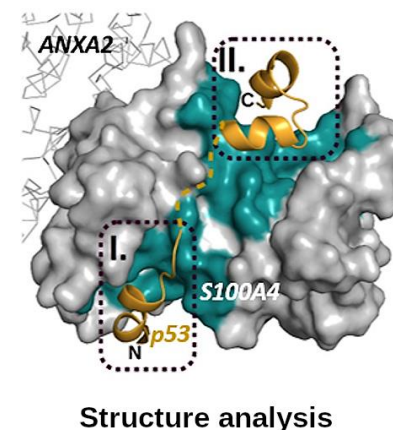
# Characterization of new crystallization chaperones: *Protein crystallographic studies using the infrastructure of ELTE-CrystalLAB*

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Crystallization,  
structure solution



**Method:** Design of target protein – crystallization chaperone systems, expression and crystallization of the proteins, then solving the structures using X-ray diffraction.

**Scientific Goal:** Design of novel crystallization chaperone systems based on the annexin A2 and dynein light chain 1 proteins. Assessing the efficiency of the new chaperones.

**Result:** We applied annexin A2 successfully as a crystallization chaperone, which proved to be more efficient, than the widely used MBP. Expression of dynein light chain 1 and the target proteins is in progress.