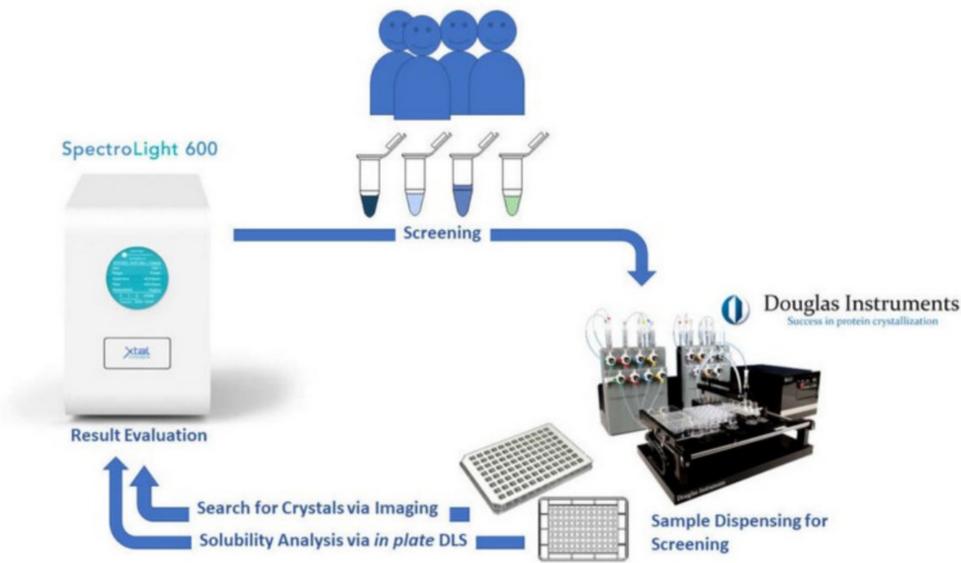


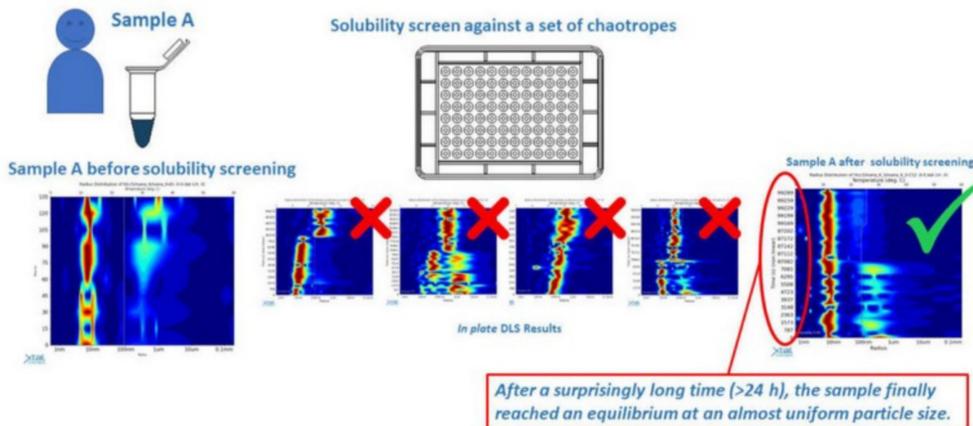


Many thanks to all those who brought samples to the HTCC5 to demonstrate the capabilities of our instruments on proteins of interest. We are pleased that the results can be used as a contribution to a fruitful continuation of the projects. We hope that the easily achieved results demonstrate the power of the SpectroLight 600/610 in terms of the degree of automation and the unique feature of long-term sample analysis and sample efficiency.

Bring your own samples to the HTCC 5  
Dubrovnik, 16-21 April 2023

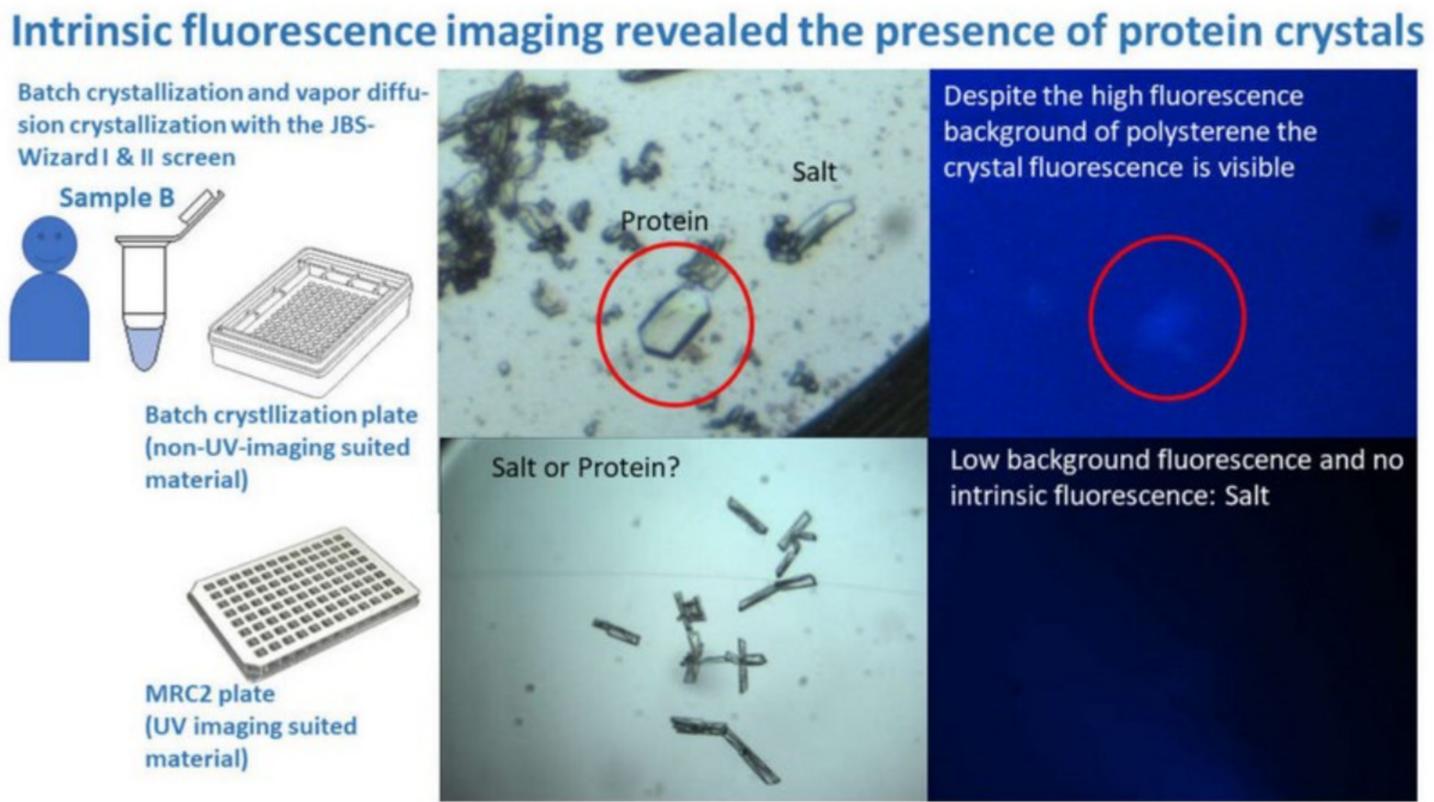
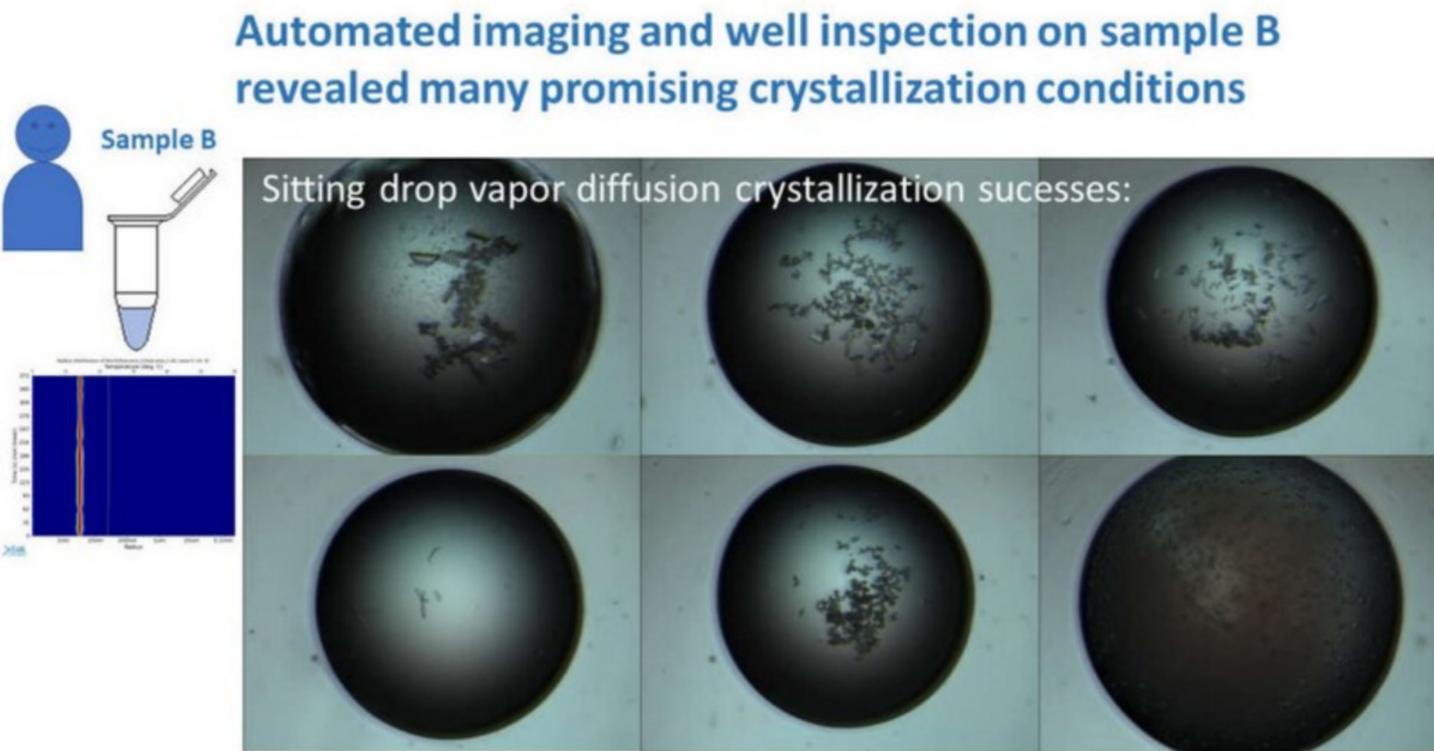
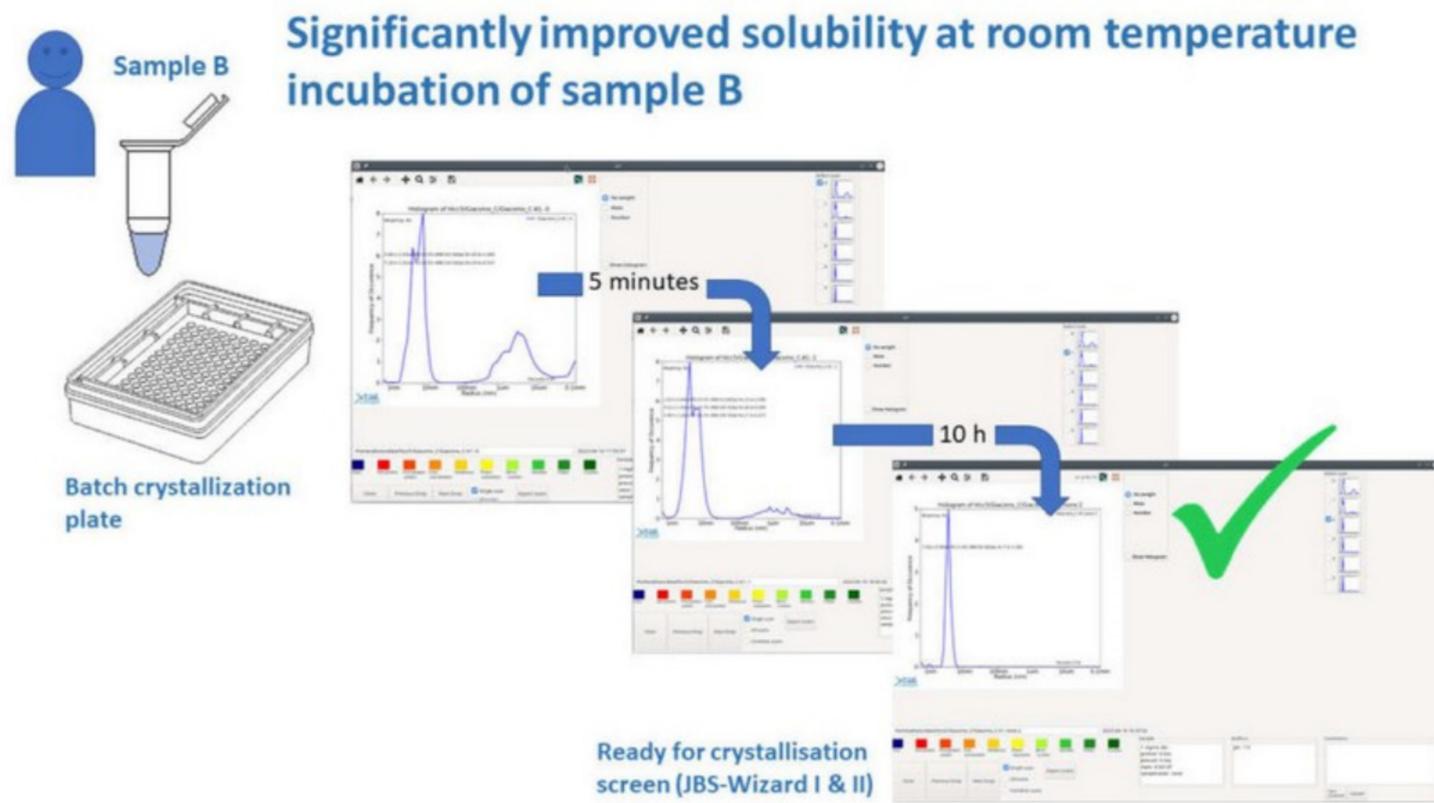


**A solubility screen revealed an improved solubility after ~24h**

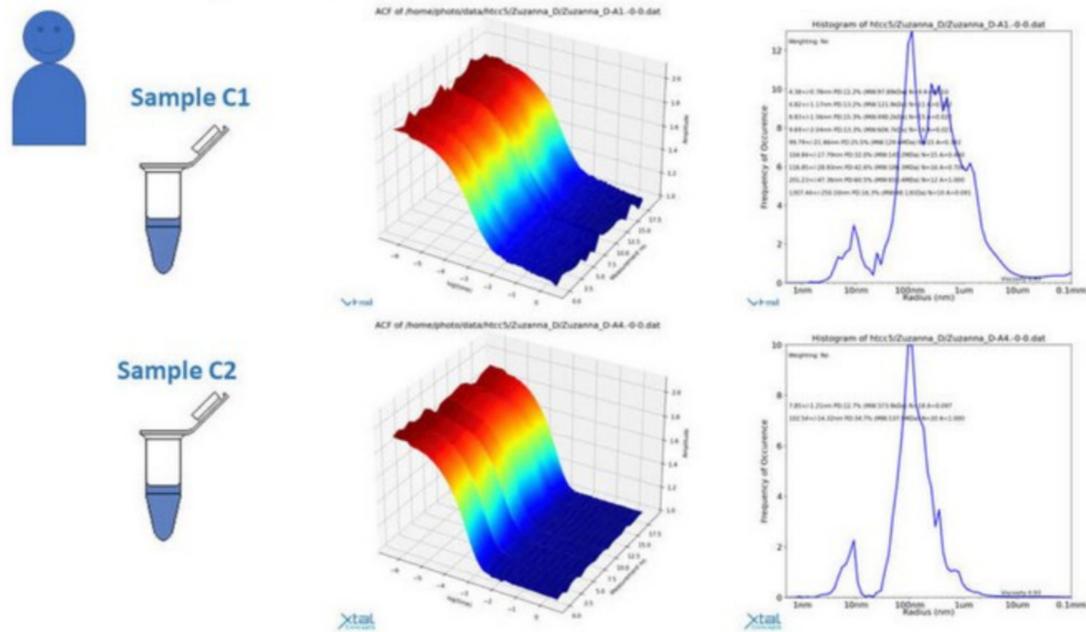


**Sample A crystallization screening (JBS Wizard I & II)**

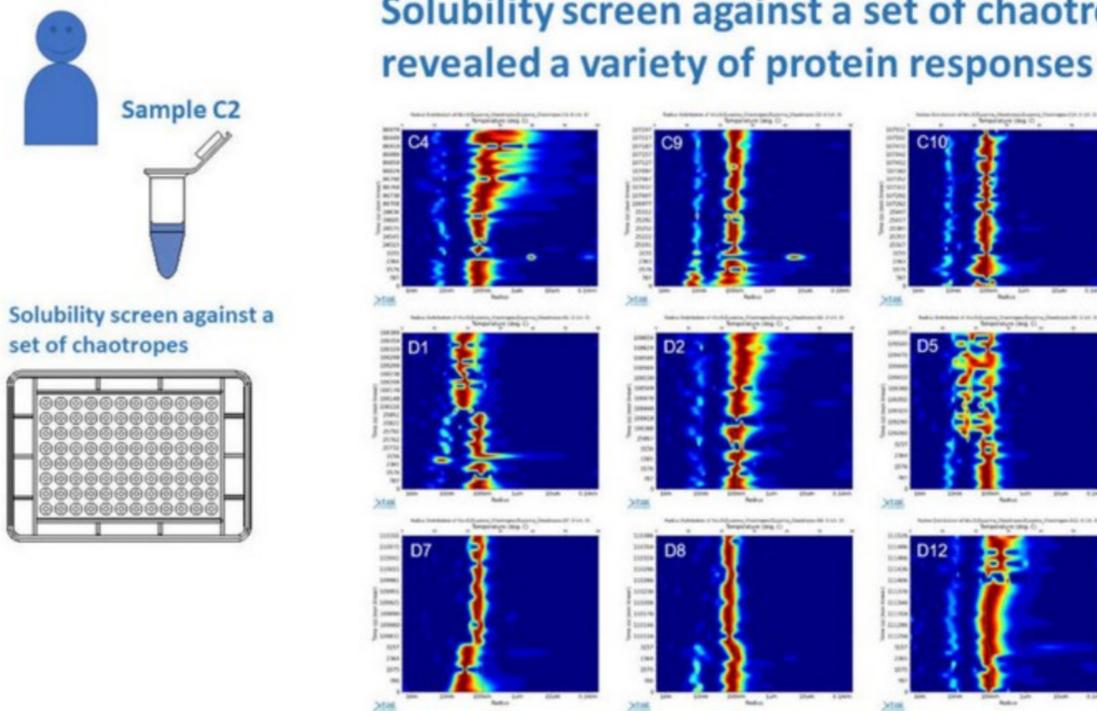




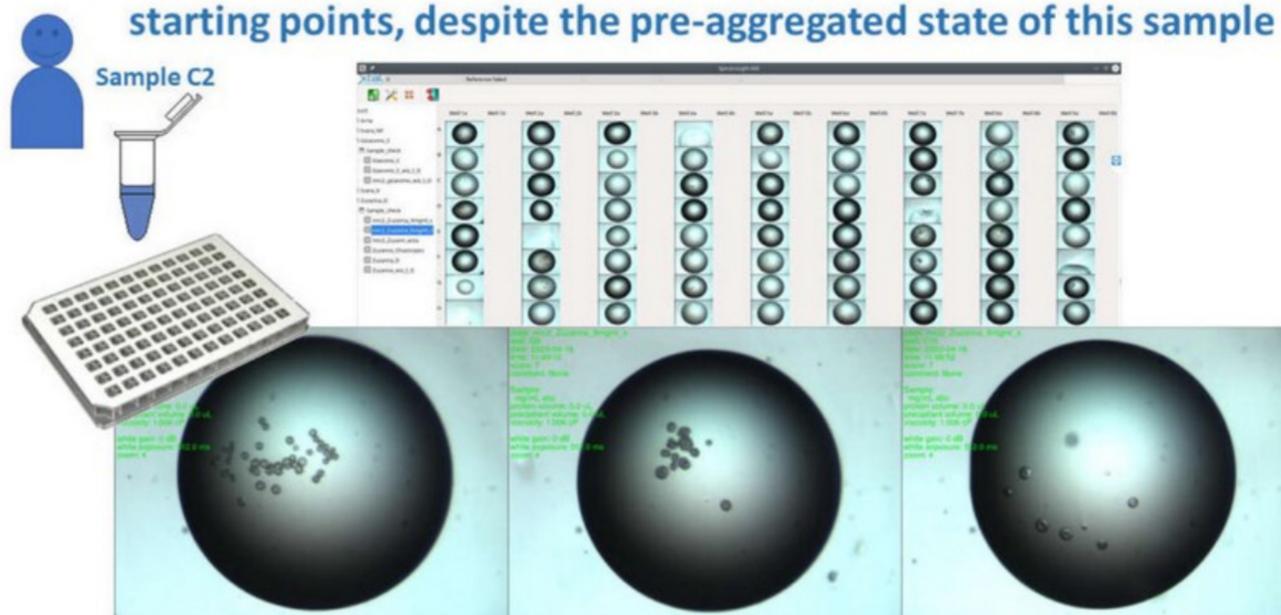
## Initial DLS evaluation of sample C1 revealed the presence of aggregates



## Solubility screen against a set of chaotropes revealed a variety of protein responses



## Screening with the JBS Wizard I & II crystal screen revealed some starting points, despite the pre-aggregated state of this sample



Spherulites, which may be formed due to disturbances in crystal lattice formation as a result of sample heterogeneity

Please let us know your comments or questions.

Your,

XtalConcepts Team