

Towards Synergy of Macromolecular and Small Molecule Crystallography

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Small molecule and macromolecular crystallographers use the same technique and work in close proximity, yet they are mostly separate in practice, many times even using separate diffractometers in the same room. Our newest diffractometers were designed around the concept of synergy of techniques. Here, we use our newest hybrid photon counting detector the HyPix-Arc150 to demonstrate this synergy. We use the same instrument to collect atomic resolution data sets of lysozyme with sucrose bound and of sucrose by itself. Both crystal structures will be presented.

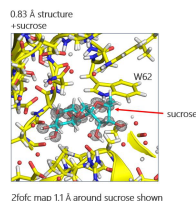


Figure 1