

Hypusination and beyond – presentation of new HEC group

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In my presentation I will briefly describe current research topics and interests of my group. The presentation is divided into two parts. In the first one I will introduce hypusination which is a unique post-translational modification of translation factor eIF5A (Fig. 1). I will describe our efforts to understand the mechanisms underlying the hypusination and introduce the research toolkit we are using in our research.

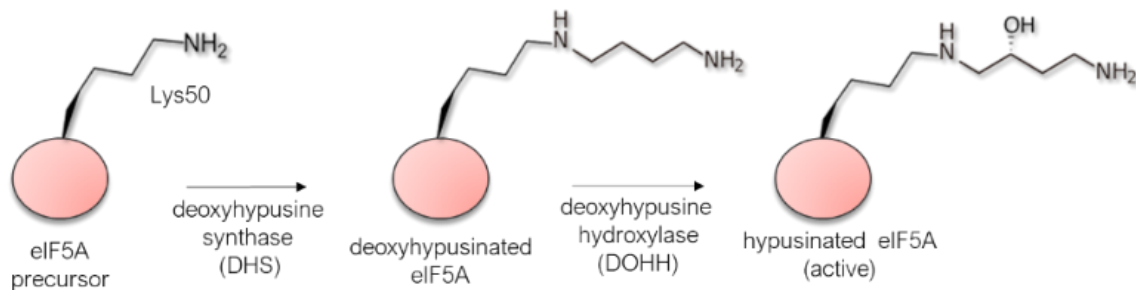


Figure 1. Schematic representation of eIF5A hypusination

The second part will be focused on the activities of Structural Biology Core Facility at MCB (Fig. 2). I will describe the history behind the establishment of our Facility, the current development status and our recent achievements.

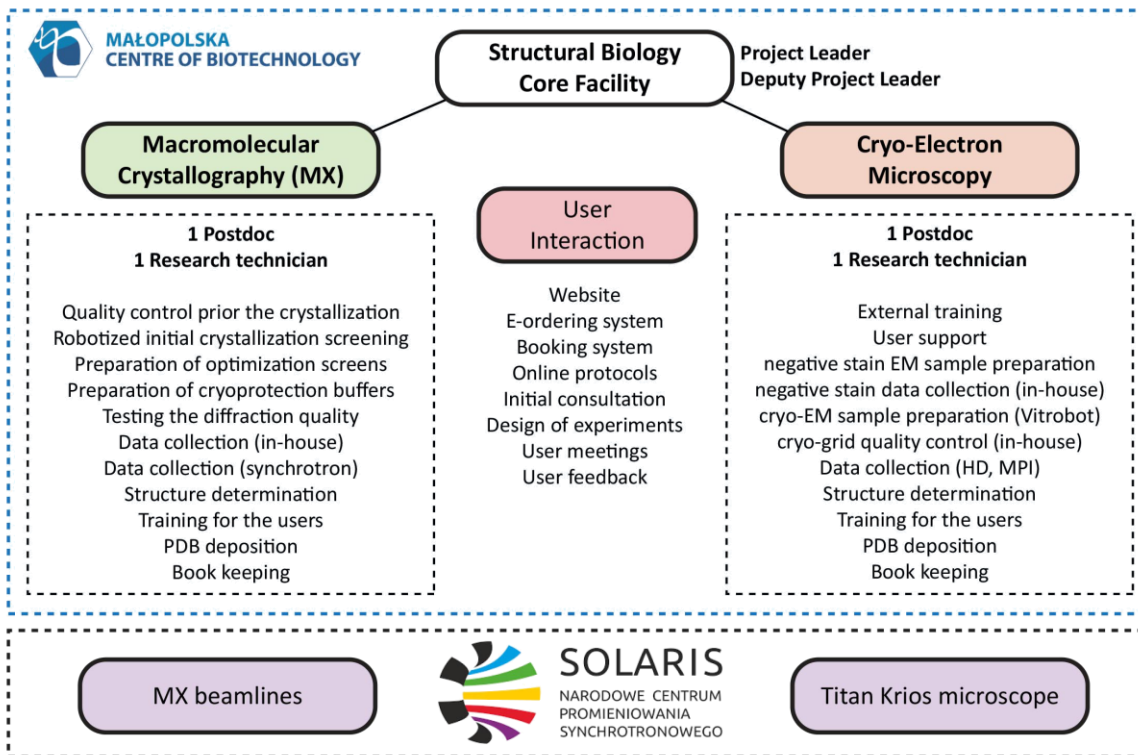


Figure 2. Organizational scheme of Structural Biology Core Facility