

je tento přístup hlavní náplní práce naší výzkumné skupiny, který se svými kolegy hodlám i nadále rozvíjet.

Zkoumání vlivu externích podmínek bylo obsaženo i v dalších publikovaných pracích věnujících se vlivu vysokého tlaku na molekuly oligomerních proteinů. Vysokotlaká metodika byla úspěšně aplikována na popis rovnováhy dimerizace, unfoldingu i enzymové kinetiky HIV-1 proteinasy a naznačila možnosti aplikace na další typy systémů.

Vliv prostředí hrál zásadní roli i v dalších uvedených pracích z oblasti enzymové kinetiky, byť nebyl přímo předmětem zkoumání. V budoucnu proto plánujeme zaměřit se i experimentálně na vliv prostředí na proteinové molekuly, především na vliv makromolekulárně zahuštěného prostředí simulujícího podmínky v buněčné cytoplazmě.

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