

学位論文要約

Studies on the functional roles of structural dynamics
mediated by intrinsically disordered proteins
(天然変性タンパク質による構造動態の機能上の役割の研究)

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Content of the thesis

General Introduction

Chapter I Dynamic allostery modulates catalytic activity by modifying the hydrogen bonding network in the catalytic site of human Pin1

Chapter II Multi-domain protein, Pin1 enhances the bivalent binding affinity through the inter-domain communication

Chapter III Transiently extended conformation of the intrinsically disordered protein, Tau is strengthened by the P301L mutation

General conclusion

Acknowledgments

References