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## Transient interactions studied by NMR : iron sulfur proteins and their interaction partners

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## Publications

Published:

**Xu X**, Reinle W, Hannemann F, Konarev PV, Svergun DI, Bernhardt R, and Ubbink M. Dynamics in a pure encounter complex of two proteins studied by solution scattering and paramagnetic NMR spectroscopy. *J Am Chem Soc.* 2008, **130**:6395-403

**Xu X**, Kim SK, Schürmann P, Hirasawa M, Tripathy JN, Smith J, Knaff DB, and Ubbink M. Ferredoxin/ferredoxin-thioredoxin reductase complex: Complete NMR mapping of the interaction site on ferredoxin by gallium substitution. *FEBS Lett.* 2006 **580**:6714-20

To be published:

**Xu X**, Knaff DB, and Ubbink M. Solution Structure of the Ga-substituted Ferredoxin from *Synechocystis* sp. PCC6803. To be submitted

**Xu X**, Schürmann P, Knaff DB, and Ubbink M. The ternary protein complex of ferredoxin, ferredoxin/thioredoxin reductase, and thioredoxin studied by NMR. To be submitted

**Xu X**, Keizers PHJ, Reinle W, Hannemann F, Bernhardt R, and Marcellus Ubbink. Intermolecular dynamics studied by paramagnetic tagging. Submitted

Previously published

**Xu XF**, Tan YW, Lam L, Hackett J, Zhang M, and Mok YK. NMR structure of a type IVb pilin from *Salmonella typhi* and its assembly into pilus. *J Biol Chem.* 2004 **279**:31599-605