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Specific Projects

1. Molecular Chaperone Action of Small Heat-shock Proteins
2. Molecular Chaperone Action of Casein Proteins
3. GMP Practice for Commercial Level Purification of Casein Proteins from Whole Milk Powder
4. GMP Practice for Commercial Level Purification of Crystallin Proteins from Bovine Eye Lens
5. Peptide Synthesis using an Automated Peptide Synthesizer and Subsequent Characterization by NMR Spectroscopy
6. Characterization of Amyloid Fibrils at the Bio-interface Using a BIAcore Biosensor
7. Computational Procedures for Database Scale Measurement of a Novel Protein Distance Matrix
8. Chromatography and Analytical Ultracentrifuge Based Analysis of Milk Caseins
10. Use of Isothermal Titration Calorimetry and Dynamic Light Scattering Methodologies to Characterize the Aggregation of Kappa-Casein

Please contact Prof John Carver to discuss the above projects in further detail.

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