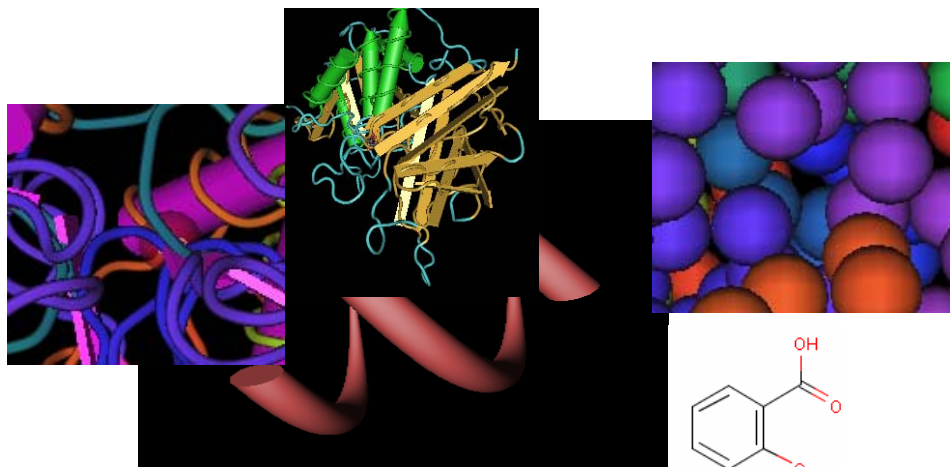


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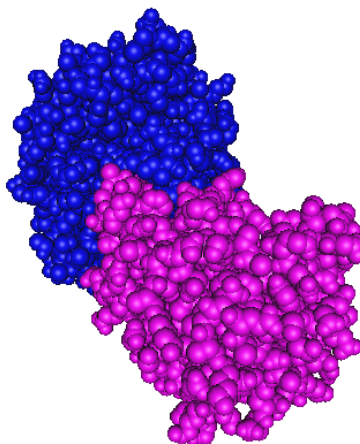
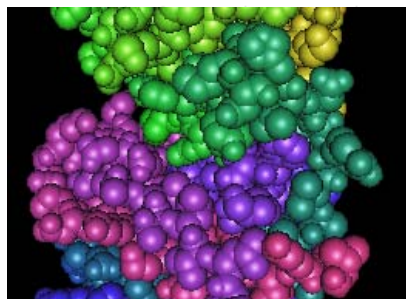
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INTRODUCTION

This document contains a listing of over 1000 journal articles and conference papers written by National Institute of Standards and Technology (NIST) scientists working in the area of measurements and standards for Biosystems and Health. This includes: biochemistry, biophysics, molecular biology, nuclear radiology, biomaterials, biomedical engineering, cell biology, biotechnology, and several others. The list was compiled using the MEDLINE, Web of Science, and IEEE Xplore databases as well as CSA Materials Research Database with METADEX.

The Information Services Division (ISD) worked with the Biosystems and Health Strategic Working Group (SWG) to develop a comprehensive list of search terms in order to develop this list. The SWG is comprised of representatives from across NIST's varied and multidisciplinary research staff. Search terms were entered into the four databases, and search results from each database were then combined into one central document by means of citation management software.

While this database is comprehensive, it is far from complete. The following qualifications apply:

- The timeframe is limited to research published in 2001-2005. Ongoing research projects may still have significant accomplishments that will not be reported until 2006 or beyond.
- The selected search terms do not cover the entirety of bio-related research efforts being conducted at NIST. As a result, there are several publications not included in this list.

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