

# Scientific Components

The components and projects that comprise the Early Detection Research Network.

- Biomarker Development Laboratories

Responsible for the development and characterization of new biomarkers or the refinement of existing biomarkers.

- Biomarker Reference Laboratories

Serve as a Network resource for clinical and laboratory validation of biomarkers, which includes technological development, quality control, refinement, and high throughput.

- Clinical Epidemiology and Validation Centers

Conduct clinical and epidemiological research regarding the clinical application of biomarkers.

- Data Management and Coordinating Center

Coordinates the EDRN research activities, providing logistic support, and conducting statistical and computational research for data analysis, analyzing data for validation. Also responsible for EDRN common database development.

- Informatics Center

The Informatics Center supports EDRN's efforts through the development of software systems for information management. The center is at the NASA Jet Propulsion Laboratory at the California Institute of Technology.