

**SUMMARY OF
NIH INNOVATIONS IN BIOMEDICAL
INFORMATION SCIENCE AND TECHNOLOGY
AWARDS
FOR PROGRAM ANNOUNCEMENT PA-00-117
NEWLY FUNDED IN FY 2004**

The following text provides a summary of grants from BISTIC member institutes and centers for NIH innovations in biomedical information science and technology awards in response to program announcement PA-00-117. The objective of this program is to support innovative computational biology research whose outcomes are likely to advance health or health-related research within the mission of the NIH.

Funded grants are listed below in alphabetical order by the principal investigator's (PI's) last name. Other information provided for each grant includes PI affiliation, grant title, application number, and funding organization.

1. PRINCIPAL INVESTIGATOR: GENTLEMAN, ROBERT C.
AFFILIATION: DANA-FARBER CANCER INSTITUTE
PROJECT TITLE: A Statistical Computing Framework for Genomic Data
GRANT NUMBER: 5 R33 HG002708-02

2. PRINCIPAL INVESTIGATOR: GILSON, MICHAEL K.
AFFILIATION: UNIVERSITY OF MD BIOTECHNOLOGY INSTITUTE
PROJECT TITLE: BindingDB: A Tool for Structure-Based Drug Discovery
GRANT NUMBER: 1 R01 GM070064-01

3. PRINCIPAL INVESTIGATOR: KARP, PETER D.
AFFILIATION: SRI INTERNATIONAL
PROJECT TITLE: The MetaCyc Metabolic Pathway Database
GRANT NUMBER: 1 R33 GM070065-01

4. PRINCIPAL INVESTIGATOR: KASIF, SIMON
AFFILIATION: BOSTON UNIVERSITY CHARLES RIVER CAMPUS
PROJECT TITLE: Comparative Cross-Species Genomic Analysis System
GRANT NUMBER: 1 R33 HG002850-01A1

5. PRINCIPAL INVESTIGATOR: LADEROUTE, KEITH R.
AFFILIATION: SRI INTERNATIONAL
PROJECT TITLE: Formal Methods Applied To Biological Signaling Networks
GRANT NUMBER: 1 R21 GM068146-01A1

6. PRINCIPAL INVESTIGATOR: NOBLE, WILLIAM S.
AFFILIATION: UNIVERSITY OF WASHINGTON

PROJECT TITLE: Detecting relations among heterogeneous genomic datasets
GRANT NUMBER: 1 R33 HG003070-01