

**SUMMARY OF
NIH BISTIC PLANNING GRANTS:
CONTINUED DEVELOPMENT AND MAINTAINENCE OF BIOINFORMATICS
AND COMPUTATIONAL BIOLOGY SOFTWARE
FOR PROGRAM ANNOUNCEMENT PA-02-141
NEWLY FUNDED IN FY 2005**

The following text provides a summary of grant awards from BISTIC member institutes and centers for the maintenance of software in response to program announcement PA-02-141. The objective of this program is support the continued development, maintenance, testing and evaluation of existing software that has become of use to a much broader community other than the members of the originating laboratory.

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: BRENNER, STEVEN E.
AFFILIATION: UNIVERSITY OF CALIFORNIA BERKELEY
PROJECT TITLE: ASTRAL: Foundation for structure and evolution studies
GRANT NUMBER: 1 R01 GM073109-01A1

2. PRINCIPAL INVESTIGATOR: CHURCHILL, GARY A.
AFFILIATION: JACKSON LABORATORY
PROJECT TITLE: Computational Biology Resources
GRANT NUMBER: 1 R01 GM072863-01

3. PRINCIPAL INVESTIGATOR: DRAGHICI, SORIN
AFFILIATION: WAYNE STATE UNIVERSITY
PROJECT TITLE: Novel Algorithms & Organisms for Onto-Tools
GRANT NUMBER: 1 R01 HG003491-01A1

4. PRINCIPAL INVESTIGATOR: HARDIN, JEFFREY D.
AFFILIATION: UNIVERSITY OF WISCONSIN MADISON
PROJECT TITLE: Regulation of Epidermal Junctions in *C. elegans*
GRANT NUMBER: 3 R01 GM058038-06S1

5. PRINCIPAL INVESTIGATOR: HINES, MICHAEL L.
AFFILIATION: YALE UNIVERSITY
PROJECT TITLE: Computer Methods for Physiological Problems
GRANT NUMBER: 5 R01 NS011613-29

6. PRINCIPAL INVESTIGATOR: HUCKA, MICHAEL

AFFILIATION: CALIFORNIA INSTITUTE OF TECHNOLOGY

PROJECT TITLE: Continued Support and Development of SBML

GRANT NUMBER: 3 R01 GM070923-02S1

7. PRINCIPAL INVESTIGATOR: HUCKA, MICHAEL

AFFILIATION: CALIFORNIA INSTITUTE OF TECHNOLOGY

PROJECT TITLE: Continued Support and Development of SBML

GRANT NUMBER: 3 R01 GM070923-02S2

8. PRINCIPAL INVESTIGATOR: JOHNSON, BRUCE A.

AFFILIATION: ONE MOON SCIENTIFIC, INC.

PROJECT TITLE: Continued Development and Maintenance of NMRView

GRANT NUMBER: 1 R01 GM073053-01A1

9. PRINCIPAL INVESTIGATOR: KULLDORFF, MARTIN

AFFILIATION: HARVARD PILGRIM HEALTH CARE, INC.

PROJECT TITLE: SaTScan: Spatial Scan Statistic Surveillance Software

GRANT NUMBER: 1 R01 HD048852-01A1

10. PRINCIPAL INVESTIGATOR: MARTH, GABOR T.

AFFILIATION: BOSTON COLLEGE

PROJECT TITLE: A general Bayesian polymorphism discovery tool

GRANT NUMBER: 1 R01 HG003698-01

11. PRINCIPAL INVESTIGATOR: MASTRONARDE, DAVID N.

AFFILIATION: UNIVERSITY OF COLORADO AT BOULDER

PROJECT TITLE: Development and Maintenance of IMOD Software

GRANT NUMBER: 1 R01 EB005027-01

12. PRINCIPAL INVESTIGATOR: MESIROV, JILL P.

AFFILIATION: MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PROJECT TITLE: Supporting Expression Analysis Users with GenePattern

GRANT NUMBER: 1 R01 GM074024-01

13. PRINCIPAL INVESTIGATOR: MILLER, MARK A.

AFFILIATION: UNIVERSITY OF CALIFORNIA SAN DIEGO

PROJECT TITLE: The NEW Biology Workbench

GRANT NUMBER: 1 R01 GM073931-01

14. PRINCIPAL INVESTIGATOR: MITRA, PARTHA P.

AFFILIATION: COLD SPRING HARBOR LABORATORY

PROJECT TITLE: Software for the Analysis of Neural Data

GRANT NUMBER: 1 R01 MH071744-01A1

15. PRINCIPAL INVESTIGATOR: NOBLE, WILLIAM S.

AFFILIATION: UNIVERSITY OF WASHINGTON

PROJECT TITLE: The MEME suite of motif-based sequence analysis tools

GRANT NUMBER: 1 R01 RR021692-01

16. PRINCIPAL INVESTIGATOR: PONDER, JAY W.

AFFILIATION: WASHINGTON UNIVERSITY

PROJECT TITLE: The TINKER Modeling Software for Biomolecular Simulation

GRANT NUMBER: 1 R01 GM069553-01A1

17. PRINCIPAL INVESTIGATOR: QIN, FENG

AFFILIATION: STATE UNIVERSITY OF NEW YORK AT BUFFALO

PROJECT TITLE: Algorithms for Molecular Kinetics

GRANT NUMBER: 2 R01 RR011114-10

18. PRINCIPAL INVESTIGATOR: ROHL, CAROL A.

AFFILIATION: UNIVERSITY OF CALIFORNIA SANTA CRUZ

PROJECT TITLE: ROSETTA An Integrated Protein Structure Modeling Suite

GRANT NUMBER: 1 R01 GM073151-01

19. PRINCIPAL INVESTIGATOR: SHERLOCK, GAVIN

AFFILIATION: STANFORD UNIVERSITY

PROJECT TITLE: Continued Development of Stanford Microarray Database

GRANT NUMBER: 1 R01 HG003469-01