

**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 2004**

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: BAKER, NATHAN A.

AFFILIATION: WASHINGTON UNIVERSITY

PROJECT TITLE: APBS: Nanoscale Biomolecular Electrostatics Software

GRANT NUMBER: 1 R01 GM069702-01

2. PRINCIPAL INVESTIGATOR: BOWER, JAMES M.

AFFILIATION: UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT

PROJECT TITLE: SUPPORT FOR GENESIS

GRANT NUMBER: 1 R01 NS049288-01

3. PRINCIPAL INVESTIGATOR: CHIU, WAH

AFFILIATION: BAYLOR COLLEGE OF MEDICINE

PROJECT TITLE: Icosahedral Particle Reconstruction Software

GRANT NUMBER: 1 R01 GM070557-01

4. PRINCIPAL INVESTIGATOR: CONKLIN, BRUCE R.

AFFILIATION: J. DAVID GLADSTONE INSTITUTES

PROJECT TITLE: GenMAPP: A tool for pathway analysis of genomic data

GRANT NUMBER: 1 R01 HG003053-01

5. PRINCIPAL INVESTIGATOR: DOYLE, JOHN C.

AFFILIATION: CALIFORNIA INSTITUTE OF TECHNOLOGY

PROJECT TITLE: Continued Support and Development of SBML

GRANT NUMBER: 1 R01 GM070923-01

6. PRINCIPAL INVESTIGATOR: GIDDINGS, MICHAEL C.

AFFILIATION: UNIVERSITY OF NORTH CAROLINA CHAPEL HILL

PROJECT TITLE: Developing Genome Fingerprint Scanning for Proteomics

GRANT NUMBER: 1 R01 RR020823-01

7. PRINCIPAL INVESTIGATOR: GULARI, ERDOGAN

AFFILIATION: UNIVERSITY OF MICHIGAN AT ANN ARBOR

PROJECT TITLE: OligoArray Design Software Development

GRANT NUMBER: 1 R01 GM068564-01A1

8. PRINCIPAL INVESTIGATOR: HELT, GREGG A.

AFFILIATION: AFFYMETRIX, INC.

PROJECT TITLE: DAS2: A Distributed Genome Annotation Sequence

GRANT NUMBER: 1 R01 HG003040-01

9. PRINCIPAL INVESTIGATOR: IDEKER, TREY

AFFILIATION: UNIVERSITY OF CALIFORNIA SAN DIEGO

PROJECT TITLE: Cytoscape: A Modeling Platform for Biomolecular Networks

GRANT NUMBER: 1 R01 GM070743-01

10. PRINCIPAL INVESTIGATOR: JOHNSON, MICHAEL L.

AFFILIATION: UNIVERSITY OF VIRGINIA CHARLOTTESVILLE

PROJECT TITLE: Software For The Analysis Of Hormone Pulsatility

GRANT NUMBER: 1 R01 RR019991-01

11. PRINCIPAL INVESTIGATOR: LABAER, JOSHUA

AFFILIATION: HARVARD UNIVERSITY (MEDICAL SCHOOL)

PROJECT TITLE: Automated Clone Evaluation for Functional Proteomics

GRANT NUMBER: 1 R01 HG003041-01A1

12. PRINCIPAL INVESTIGATOR: MAKEIG, SCOTT

AFFILIATION: UNIVERSITY OF CALIFORNIA SAN DIEGO

PROJECT TITLE: EEGLAB: Software for analysis of human brain dynamics

GRANT NUMBER: 1 R01 NS047293-01A1

13. PRINCIPAL INVESTIGATOR: MEHLER, ERNEST L.

AFFILIATION: WEILL MEDICAL COLLEGE OF CORNELL UNIV

PROJECT TITLE: Functional Properties of Protein Segments In Receptors

GRANT NUMBER: 3 R01 DA015170-04S

14. PRINCIPAL INVESTIGATOR: OLSON, ARTHUR J.

AFFILIATION: SCRIPPS RESEARCH INSTITUTE

PROJECT TITLE: AutoDock Software Development and Maintenance

GRANT NUMBER: 1 R01 GM069832-01

15. PRINCIPAL INVESTIGATOR: UDUPA, JAYARAM K.

AFFILIATION: UNIVERSITY OF PENNSYLVANIA

PROJECT TITLE: Continued Development, Porting, Maintenance of 3D Viewnix

GRANT NUMBER: 1 R01 EB004395-01