



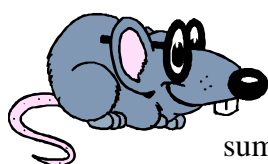
The Consortium Quarterly

Vol. 1, No. 1

September 2002

\$1M Supplemental Bioinformatics Grant Awarded to Consortium

The National Institute of General Medicine Sciences (NIGMS) has awarded a one-time supplemental grant of one million dollars to the Consortium to address short-term bioinformatics needs that are beyond the current year's budget. These funds will be used to accelerate the development of the information technology structure of Core B.



Consortium Resources Available

Consortium resources from the scientific Cores are currently available to Participating Investigators and the public. These resources are summarized below and can be found at the following Web site:

<http://glycomics.scripps.edu/resources.html>

Core	Resources
Core D: Carbohydrate Synthesis/Protein Expression	Carbohydrate Compounds: Monosaccharides, disaccharides, trisaccharides, tetrasaccharides (and higher), and biotinylated structures
Core E: Gene Microarray	Glyco-gene Chip: RNA samples are being accepted for processing using a customized Affymetrix Glyco-gene Chip expression array targeted at transcripts relevant to the Consortium of Functional Glycomics
Core F: Mouse Genetics	Mouse Strains: Seven knock-out mouse strains are available

Consortium in the News

There were 9 articles (5 journal articles, 3 press releases, and 1 newspaper article) published over the past year that highlighted the importance of the Consortium. These articles are listed below. In addition, we are pleased to announce that the Consortium's first journal article reporting scientific data from the laboratory of Dr. Mitchell Kronenberg (the Principal Investigator of a bridging project) and colleagues is currently in press (see reference below).



Reviews and Journal Articles

1. Jonietz, E. (2001). Sugars could be biology's next sweet spot. *Technology Review* *October*, 33.
2. Schulz, W.G. (2002). NIGMS at 40 National Institute of General Medical Sciences propels basic science with collaborative projects. *Chemical & Engineering News* *80* (3), 30-33.
3. Baum, L.G. (2002). Developing a taste for sweets. *Immunity* *16*, 5-8.
4. Maeder, T. (2002). Sweet medicine. *Scientific American* *287* (1), 40-47.
5. Travis, J. (2002). The true sweet science. Researchers develop a taste for the study of sugars. *Science News* *161* (15), 232.

Press Releases

6. NIGMS awards "Glue Grant" to study cell talk (NIGMS News Release, 10/05/01)
7. Life, Sugar-Coded (The Scripps Research Institute News & Views, 10/08/01)
8. NIGMS awards "Glue Grant" to study cell talk (UCSD Press Release, 10/09/01)

Newspaper Article

9. \$34 million sweetens area's research coffers (San Diego Union Tribune, 10/05/01)

Scientific Publication

10. Sidobre, S., Naidenko, O.V., Sim, B., Gascoigne, N.R.J., Garcia, K.C., Kronenberg, M. The V α 14 NKT cell TCR exhibits high affinity binding to a glycolipid/CD1d complex. *Journal of Immunology*, *in press*.

Calendar of Events

Past Events	Date
"All-hands" Meeting	July 1-2, 2002
Advisory Committee Meeting	July 15-16, 2002
Annual Progress Report Submitted	July 30, 2002
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Future Events	Date
Society of Glycobiology Annual Meeting	November 10-12, 2002
Participating Investigators Meeting	November 13, 2002



New Participating Investigators

Participating Investigators Who Have Joined the Consortium from
2/01/01 to 7/15/02

Investigator	Institution	Subgroup/Area of Study
Gary F. Clark, Ph.D. Associate Professor	Eastern Virginia Medical School	Sperm/Egg Adhesion
Alessandra Franco M.D., Ph.D. Research Scientist	La Jolla Institute for Allergy and Immunology	TCR/CD1/MHC Immunology
Stephen C. Jameson, Ph.D. Associate Professor	University of Minnesota	TCR/CD1/MHC
Toshisuke Kawasaki, Ph.D. Professor/Chair, Department of Biological Chemistry	Graduate School of Pharmaceutical Sciences, Kyoto University	C-Type Lectin
Stephen Ladisch, M.D. Scientific Director/Professor	George Washington University School of Medicine	Roles of Gangliosides in Lymphocyte Function
Dan R. Littman, M.D., Ph.D. Helen L. and Martin S. Kimmel Professor	New York University School of Medicine	C-Type Lectin
Noorjahan Panjwani, Ph.D. Professor	Tufts University School of Medicine	Galectin Lectin
Risto Renkonen, M.D. Acting Chair, Department of Bacterial & Immunology/Professor	University of Helsinki	C-Type Lectin
Harry Schachter, M.D., Ph.D., FRSC Scientist Emeritus/Professor Emeritus	Hospital for Sick Children Research Institute / University of Toronto	Glycosylation Pathways
Bridgette Schmitz, Ph.D. Professor	University of Bonn / Institute of Physiology, Biochemistry and Hygenics of Animals	Neuronal Carbohydrate Binding Protein
Irma van Die, Ph.D. Senior Scientist/Associate Professor	Vrije Universiteit Medical Center, Amsterdam	C-Type Lectin
Yvette van Kooyk, Ph.D. Professor/Department Head, Molecular Cellbiology	Vrije Universiteit Medical Center, Amsterdam	C-Type Lectin
Claus -W. von der Lieth, Ph.D. Senior Scientist/Head of the Modeling Group	Deutsches Krebsforschungszentrum – German Cancer Research Center, Heidelberg	Carbohydrate Structure Database
Henry H. Wortis, M.D. Professor / Department Chair, Pathology and Immunology	Turfts University School of Medicine	Siglec

Join the Consortium

If you are conducting research on mammalian carbohydrate-binding proteins or their carbohydrate ligands, you are welcome to apply for participation in the Consortium as a Participating Investigator. Please consider joining the Consortium for Functional Glycomics as a Participating Investigator. Participating Investigators are an integral component of the Consortium. Applications may be completed online at the following Web site:

<http://glycomics.scripps.edu/membership.html>

As specified by the RFA, Participating Investigators are required to have ongoing research within the scope of the program, which is funded by non-consortium sources. By joining the Consortium, Participating Investigators benefit from access to the resources generated by the scientific Cores and information shared by the other investigators. In return for material resources, Participating Investigators agree to deposit data into the program databases maintained by Core B. This will be available for viewing by Participating Investigators on a confidential intranet Web site. Once information is made public by publication or presentation at a major conference, it will be moved to a public internet site.