WormBase Newsletter   June 2005

WormBase activities at the upcoming International *C. elegans* meeting

WormBase has several activities planned for the benefit of users:
-WormBase plenary talk, Royce Hall, 8-11 PM, Sun. 6/26
-WormBase workshop, Sunset Village Study Lounge,
5:00-6:30 PM, Sun. 6/26.
Topics: --Genome Browser
              --Data mining (emphasis on WormMart)
              --From mutation to gene: hunting for candidate genes
              --Textpresso (WormBase literature search engine)
-WormBase poster
-WormBase booth during poster sessions to address user questions and receive comments and suggestions.
 -WormBook booth

Gene interaction data in WormBase

WormBase has added ~4000 (some redundant) genetic and regulatory interactions to the database. These interactions were extracted from the *C. elegans* literature using Textpresso. Interactions are available on the Gene Summary pages. Please note that the references linked to the interactions are the source of sentences from which the data was extracted and are not the original publications that first described the interactions. Please send us any comments and corrections you may have regarding this class of data.

Update on the WormBase literature search engine

The worm literature search, powered by Textpresso on 'autopilot', is now updated weekly (Friday nights) with newly published papers and additional classic papers.

Form for submitting intellectual lineage information

In the past year, WormBase has been collecting information about the professional associations of individuals in the *C. elegans* community in order to fully describe the intellectual lineage. We encourage people to submit/update their information via the following form, http://tazendra.caltech.edu/~azurebrd/cgi-bin/forms/person_lineage.cgi, which can also be found at http://www.wormbase.org/db/curate/base along with other data submission forms.

WS140 is the latest WormBase data freeze

The WS140 data freeze website is available at ws140.wormbase.org. It will be available in perpetuity at this URL. Raw files for the WS140 release can be obtained from the WormBase FTP site. We encourage all users conducting bioinformatic analyses to use the most recent 'frozen' release of the data.

The 2005 International *C.elegans* meeting abstracts will be available in WS146

Abstracts from the meeting will be available on the development site of WormBase in the WS146 version of the database. Please note that there will be a delay in building this version of the database; WS146 will be released in the fourth week of July on the development site.

WormBase has two open positions

WormBase now has two positions open, one each at Caltech and the Sanger Institute. Both positions offer the opportunity to learn and to work both independently and as part of a superb international team of biologists and bioinformaticians.

The Caltech position is for a biological curator, whose primary responsibility will be to annotate gene function and interactions. Curation places a premium on broad scientific knowledge, excellent communication skills, and creative intelligence, as well as on patience and hard work. Computer literacy is a plus, but is not required, since curators have the opportunity to develop their skills in bioinformatics. While demanding high skill and willingness to serve others, biological curation at WormBase also offers rewards beyond that of a Postdoctoral position. Please contact Paul Sternberg for more information.

The Sanger position is for a programmer to help with database builds and integration, sequence curation and the integration of new types of biological data. Strong computer skills and understanding of molecular biology are desirable. Please contact Anthony Rogers (Sanger) for more information.