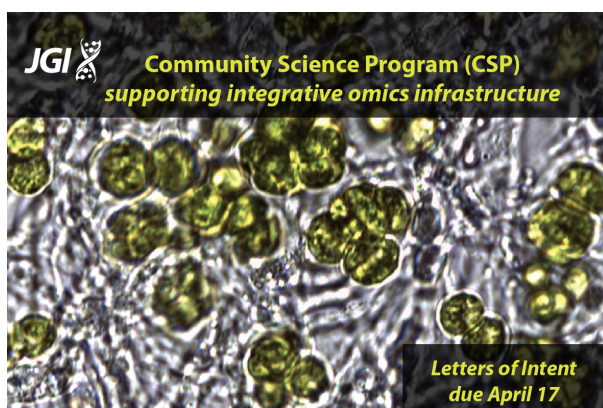


The content in this preview is based on the last saved version of your email - any changes made to your email that have not been saved will not be shown in this preview.

[View as Webpage](#)



Thanks to Gregory Bonito of Michigan State University for this image from his FY2017 proposal, "Functional gene network regulation in tripartite plant-fungal-bacterial mutualisms of bioenergy plants and algae"

For more information go [here](#). Check out last year's CSP portfolio [here](#).

### Submit to the CSP Now!

The JGI has extended the annual Community Science Program (CSP) call for letters of intent to April 17 for peer-reviewed free access to large-scale DNA & RNA sequencing, DNA synthesis, metabolomics, and data analysis in support of energy and environmental research. Target areas:

- Genes to Function
- Plant Functional Genomics and Microbiomes
- Inter-organismal interactions
- Microbes and communities involved in elemental cycling in terrestrial and coastal environments
- Algal genomics



The **Integrated Microbial Genomes & Microbiomes (IMG/M)** system supports the annotation, analysis and distribution of microbial genome and microbiome datasets sequenced by JGI and is open to scientists worldwide for the annotation, analysis, and distribution of their own genome and microbiome datasets.

### IMG Launches Webinar Series

Attend IMG's [pilot webinar series](#). The first four sessions start 2 PM EDT/11 AM PDT on the following dates:

#### April 14 Genome Search – Advanced Search Builder

Find and filter IMG datasets using various metadata options with the NEW Advanced Search Builder function.

#### April 21 IMG Data Export and Download

#### April 28 Metagenome Bins

Browse, search, and identify publicly available genome bins, and how to recover and interpret the quality and taxonomy information associated with each genome bin.

#### May 5 Data Submission & Management

Learn to submit sample metadata to [Genomes OnLine Database \(GOLD\)](#), sequence assemblies to IMG for annotation, and check the status of that submission.

Learn how to download sequence (genes, scaffolds) and annotation data for individual or multiple genomes and metagenomes.

[Register here](#) and select one or multiple webinars from a single registration form.



## Enabling User Progress

Check out the 2019 JGI Progress Report with our annual metrics, JGI-enabled user highlights, a perspective from Director Nigel Mouncey, and facts about our new home, the [Integrative Genomics Building \(IGB\) at Berkeley Lab](#).

Download the Progress Report PDF [here](#). Request hard copies [here](#).

## JGI (Pod)Casts New Content into the Stream

In an effort to bolster the voice of the JGI user community, Communications & Outreach staff member Alison Takemura hosts [Genome Insider](#). [Episode 1](#) focuses on the role of viruses on greenhouse gas emissions. Alison joins JGI Natural Products/Secondary Metabolites Group researcher Dan Udway, who convenes “fireside” chats with colleagues on the [Natural Prodcast](#), most recently from the 3rd International Conference on Natural Product Discovery and Development in the Genomic Era held in San Diego in January. Listen to both shows [here](#) and access the episode transcripts. Video teasers are [here](#). Send ideas for future topics and interviewees [here](#).



Subscribe to our podcasts today!



## ICYMI:

### ***Selected Recent JGI-Enabled Publications***

- Giant virus diversity and host interactions through global metagenomics. [Nature](#)
- The regulatory and transcriptional landscape associated with carbon utilization in a filamentous fungus. [PNAS](#)
- Phage-specific metabolic reprogramming of virocells. [ISME J](#)
- Function-driven single-cell genomics uncovers cellulose-degrading bacteria from the rare biosphere. [ISME J](#)
- Transcriptomic analysis of field-droughted sorghum from seedling to maturity reveals biotic and metabolic responses. [PNAS](#)
- The lichen symbiosis re-viewed through the genomes of *Cladonia grayi* and its algal partner *Asterochloris glomerate*. [BMC Genomics](#)

Check out JGI [news releases](#) and [science highlights](#) for these and other user achievements.

## Register Now for Fall MGM Workshop

Registration is now open for **MGM-31 at Berkeley Lab**, September 28 – October 2, 2020, the next five-day workshop on Microbial Genomics and Metagenomics hosted by the JGI at the new Integrative Genomics Building at Berkeley Lab. This hands-on workshop is designed to familiarize users with the **Integrated Microbial Genomes & Microbiomes (IMG/M)** data and workflows for computational analysis and interpretation of sequence data. IMG/M is a web-based platform that provides access to the wealth of public microbiome sequence data and enables the user to analyze these data with existing bioinformatics methods to bridge the gap from sequence to biology. Seating limited. MGM workshops always reach capacity. Register now [here](#).



**JGI Microbial Genomics & Metagenomics (MGM) Workshop**  
September 28-October 2, 2020



**DOE Systems Biology Knowledgebase**

### Free KBase Webinars Now Available

**The DOE Systems Biology Knowledgebase (KBase)** has launched a series of webinars to demonstrate workflows, tools, and best practices for analyzing data in KBase.

**Create a free KBase account** and register for upcoming live webinars starting at 1pm EDT/10am PDT, linked below.

- **April 15, Microbiome Metabolic Modeling**
- **April 22, Phylogenomics**

You can also find recordings of previous webinars linked below.

- **Introduction to Genome Analysis**
- **Introduction to Metabolic Modeling**

