JGI JOINT GENOME INSTITUTE
A DOE OFFICE OF SCIENCE USER FACILITY

Your partner for free access to

ADVANCED OMICS CAPABILITIES

The U.S. Department of Energy (DOE) Joint Genome Institute (JGI) is an integrative genomic science user facility dedicated to aiding researchers in sequence-enabled science and genome analysis of microbes, microbial communities, plants, fungi, algae and other targets relevant to DOE missions in energy, environment, global carbon and other nutrient cycling. The JGI provides users around the world with access, at no cost, to high-throughput genomic and more specialized capabilities and data analysis. These include genome, metagenome, and single-cell sequencing; resequencing; DNA synthesis; metabolomics; natural products; as well as transcriptome, metatranscriptome, and methylome analysis.

Community Science Program (CSP)

- **CSP Annual Large-scale Call**
  - High-throughput sequencing
  - Functional annotation
  - **Letters of Intent due Spring 2024**
- **CSP Functional Genomics**
  - DNA synthesis for gene function & biosynthetic pathway discovery
  - **Proposals due Jan. 29, 2024**
- **CSP New Investigator**
  - For investigators and research initiatives new to the JGI
  - **Proposals due Oct. 4, 2024**

jointgeno.me/UserPrograms

FICUS Facilities Integrating Collaborations for User Science

One proposal for access to JGI sequencing, synthesis, metabolomics; proteomics, and imaging through the Environmental Molecular Sciences Laboratory (EMSL).

Letters of Intent due Spring 2024

jointgeno.me/FICUS-JGI-EMSL

The JGI offers free online resources, e.g., data systems, tutorials, symposia:

- Staple Isotope Probing (SIP)
- Long-read Sequence Applications
- Integrated Microbial Genomes (IMG)
- MycoCosm for Analysis of Fungi
- PhycoCosm for Analysis of Algae

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Community Science Program (CSP)

- **CSP Annual Large-scale Call**
  - High-throughput sequencing
  - Functional annotation
  - **Letters of Intent due Apr. 7, 2023**
- **CSP New Investigator**
  - For investigators and research initiatives new to the JGI
  - **Proposals due Mar. 3, 2023**
- **CSP Functional Genomics**
  - DNA synthesis for gene function & biosynthetic pathway discovery
  - **Proposals due Jul. 31, 2023**

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FICUS Facilities Integrating Collaborations for User Science

One proposal for access to JGI sequencing, synthesis, metabolomics; proteomics, and imaging through the Environmental Molecular Sciences Laboratory (EMSL).

Letters of Intent due Mar. 15, 2023

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- Long-read Sequence Applications
- Integrated Microbial Genomes (IMG)
- MycoCosm for Analysis of Fungi
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Community Science Program (CSP)

- **CSP Annual Large-scale Call**
  - High-throughput sequencing
  - Functional annotation
  - Metabolomics characterization of plants, fungi, algae and non-biomedical microbiomes
  - **Letters of Intent due Spring 2023**
- **CSP Functional Genomics**
  - DNA synthesis for gene function & biosynthetic pathway discovery
  - **Letters of Intent due Jan. 30, 2023**
- **CSP New Investigator**
  - **Proposals due Sept. 12, 2022**

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- **Staple Isotope Probing (SIP)**
- **Long-read Sequence Applications**
- **Integrated Microbial Genomes (IMG)**
- **MycoCosm for Analysis of Fungi**
- **PhycoCosm for Anlysis of Algae**

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