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Community Science Program

Providing free access to omics resources worldwide

DNA Synthesis Call

Deadline July 31

There's still time to take advantage of the JGI's expertise in large-scale DNA synthesis and assembly to enable state-of-the-art functional genomics research and translate genomic information into biological function. The Synthesis Call offers multiple capabilities.

Focus Areas:

- Genes and pathways for functional characterization (< 500 kb)
- Combinatorial pathway libraries for fast-track metabolic engineering (< 4,000 kb)
- sgRNA libraries (< 12,000 sgRNA sequences)

For questions about whether your project is appropriate or for program specifics about the application process, please contact Program Manager [Miranda Harmon-Smith](#). For additional information go [here](#).



New Investigator Call

Deadline September 26

The New PI call emphasizes the generation of pilot data to assess the feasibility of a large-scale CSP proposal submission.

Projects:

- Sequence requests should not exceed 500Gb

Focus Areas:

- Bacterial, archaeal, fungal and plant RNA sequencing
- Bacterial and archaeal epigenomes & high-quality draft genomes
- DNA synthesis for functional assays
- Metabolomics-based functional analyses

For questions about the New PI Call, contact Deputy, User Programs [Susannah Tringe](#). For additional information go [here](#).



User Research & Annual Meeting Highlights

Check out the most recent edition of the JGI's newsletter, *The Primer*, [here](#). It features highlights from the 14th Annual Genomics of Energy & Environment Meeting and the New Lineages of Life (NeLLi) Symposium. Videos of the talks can be found [here](#). Also summaries of recent user publications.

Seeking Nominations for the JGI User Executive Committee

The JGI User Executive Committee (UEC) represents the JGI user community and is responsible for providing input on JGI policies and practices that affect user access to

JGI technical capabilities offered, proposal review procedures and the JGI Annual Meeting. [Click here](#) to read about who is eligible to serve on the UEC. Nominations need to be submitted [here](#) by August 19.



Elevate Your Microbiome Analysis Skills

The JGI is hosting its popular hands-on Microbial Genomes & Microbiomes (MGM) Workshop November 4 – 8 at the new Integrative Genomics Building at Berkeley Lab. Space is limited. This workshop targets experimental biologists and aspiring computational biologists who seek to tap the Integrative Microbial Genomics and

Microbiomes data and tools for (meta)genome exploration, comparative genomics and gene discovery. Participants would benefit from having familiarity with some basic concepts of basic microbiology, biochemistry, molecular biology, and computational biology (e.g., multiple sequence alignment, phylogenetic tree construction). Deadline is October 28. Register [here](#) now!

JGI/KBase Dedicate New Home

On June 19, 2019, JGI and KBase staff, DOE program managers and other stakeholders gathered for a “sneak peek” of the new \$108 Million, ~81,000 square-foot Integrative Genomics Building (IGB), located at the heart of the Berkeley Lab campus. JGI staff are slated to start the move from the Walnut Creek facility – their home for the last 20 years – in September. [Watch](#) the IGB rise in this time-lapse video. Read Berkeley Lab's coverage of the IGB Dedication Event [here](#), view a [photo montage](#), and learn more about the Biosciences' vision for the future of team science [here](#). Also, watch a short [video](#) describing the historic Bevatron particle accelerator – which occupied the land where the IGB now stands – to learn about the Nobel Prize winning contributions that researchers made there when the [Bevatron](#) operated between 1954 and 1992.



15th Annual Genomics of Energy & Environment Meeting

Remember to mark your calendar for the JGI 15th Annual Genomics of Energy & Environment Meeting, March 23 - 27, 2020 at a new venue, the Oakland Marriott City Center. The Meeting will be preceded by the Viral EcoGenomics & Applications (VEGA) Symposium. Watch for updates [here](#). Registration will open October 1, 2019.

