

Genomic Standards Consortium (GSC)

 consortiapedia.fastercures.org/consortia/gsc/

Research Areas



Tool Development

Standard



Data-Sharing Enabler

At a Glance

- Status: **Active Consortium**
- Year Launched: **2005**
- Initiating Organization: **GSC**
- Initiator Type: **Third-party organization**
- Location: **International**

Abstract

The Genomic Standards Consortium (GSC) is an open-membership working body formed in September 2005. The goal of this international community is to promote mechanisms that standardize the description of genomes and the exchange and integration of genomic data.

Mission

Community-driven standards have the best chance of success if developed within the auspices of international working groups. Participants in GSC include biologists, computer scientists, those building genomic databases and conducting large-scale comparative genomic analyses, and those with experience in building community-based standards.

GSC's mission is to work with the wider community toward the following:

Consortium History

2005: Metagenomics, MetaData, MetaAnalysis, Models, and MetaInfrastructure Project

2005: Minimum Information about any Sequence Project

2007: Genomic Contextual Data Markup Language Project

2007: Genomic Rosetta Stone Project

2008: Standards in Genomic Sciences Journal Project

2009: Microbial Earth Project

2009: GSC Biodiversity Working Group

2010: MixS Compliance and Interoperability Working Group Project

2011: Biodiversity, Bioinformatics, and Biotechnology Project

2011: The Biological Observation Matrix (BIOM) format Project

2011: Minimum Information about a Genomic Observatory Project

2012: Environment Ontology Project

2012: MixS for Indoor metagenomics Project

2012: Genomic Observatories Project

2012: Biocode Commons Project

2012: ISA Infrastructure Project

2013: Minimum Information on a Phenotype MicroArray Study

2013: Minimum Information about a biosynthetic gene cluster project

Structure & Governance

The GSC Board was established in April 2009 to improve communication within GSC, build GSC strategy, help move the community toward formalization (long-term sustainability, transparency, and vision), improve community-level representation, and help foster strategic partnerships with other communities.

The Board has monthly teleconferences and in-person meetings at each GSC workshop.

Financing

Although the vast majority of GSC efforts are contributed on a volunteer basis by a wide range of participants, GSC gratefully acknowledges that it has received formal funding for the following activities. Starting 2012, GSC has an Industry Annual Subscription Program. There are three levels of

sponsorship — silver, gold, and platinum — each with specific benefits for the sponsor.

Links/Social Media Feed

Homepage <http://gensc.org/>

Points of Contact

GSC Secretary
email: psterk1@gmail.com

Sponsors & Partners

GSC has an open membership policy. To join GSC, contact one of the members or send an email to the GSC secretary.

Updated: **04/22/2016**