



生物项目数据库（BioProject）使用说明

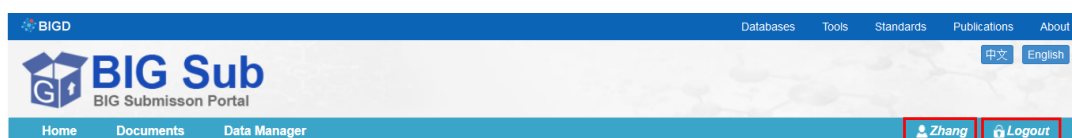
数据库简介	2
用户注册	2
BioProject 创建	3

数据库简介

生物项目数据库 (BioProject) 是收集与共享生物学研究项目信息的资源库, 涵盖的项目类型包括常规组学研究的基因组、转录组、表观组和宏基因组等, 并针对大型项目提供高效、安全、专业化的项目分级管理。

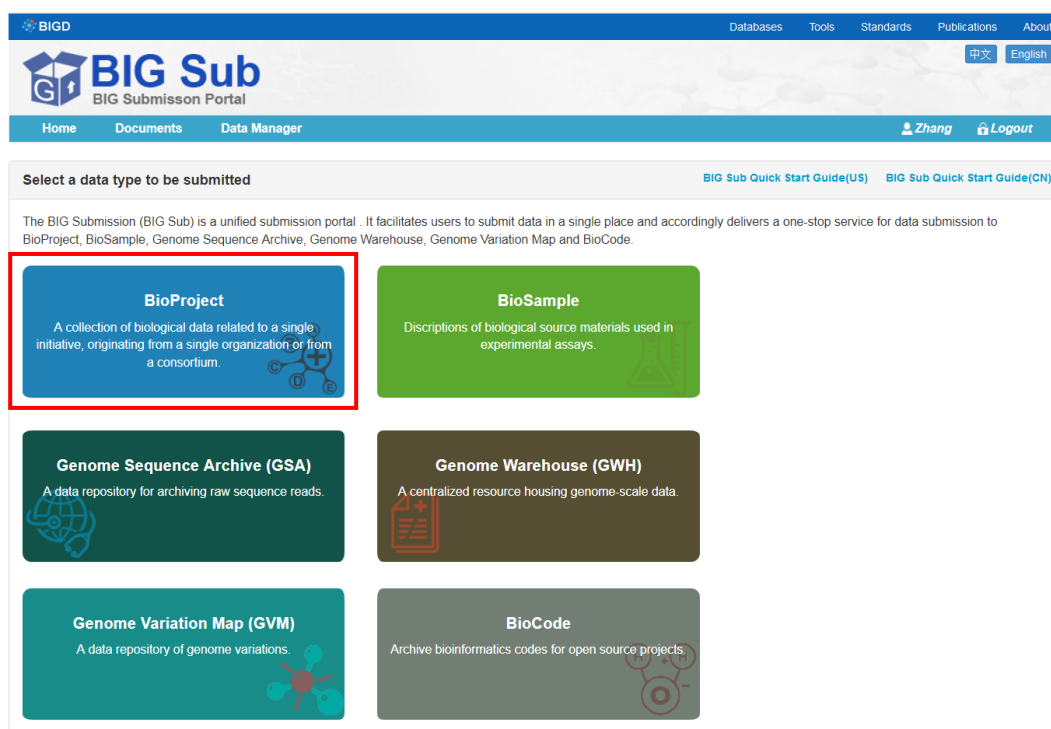
用户注册

用户可借助于中心单点登录 (BIG Single Sign-On, BIG SSO) 技术, 通过 BIG Submission 主页 <http://bigd.big.ac.cn/gsub/> 完成用户账号注册, 建议**使用实验室公共邮箱进行注册**。如果您在账号使用过程中遇到任何问题, 请联系 bigd-admin@big.ac.cn。

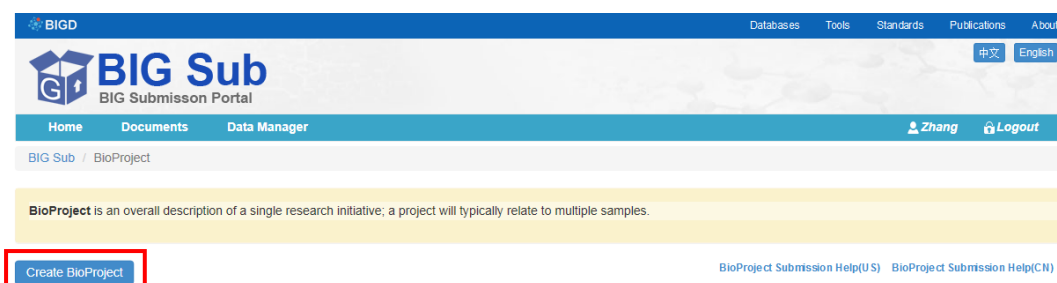
The image shows the 'Register Form' page. It is divided into three main sections: 'Account Login Information', 'Personal Information', and 'Institutional Information'. The 'Account Login Information' section contains fields for Email, Password, and Confirm password. The 'Personal Information' section contains fields for First Name, Middle Name, Last Name, Street Address, City, State/Province, Postal Code, and a Country dropdown menu (currently set to Afghanistan). The 'Institutional Information' section contains fields for Institute/Organization (pre-filled with 'Beijing Institute of Genomics (BIG)'), Department, Lab, Title/Position, and Research area. At the bottom of the form are 'Submit' and 'Reset' buttons. To the left of the form is a decorative graphic featuring a computer monitor displaying a network diagram, a stack of papers, and a blue folder.

BioProject 创建

账户注册完成后，即可进入 BIG Sub 统一递交入口，目前 BIG Sub 已集成 BioProject、BioSample、GSA、GWH、GVM、BioCode 等数据库的提交接口，如果用户需要向递交组学原始数据归档库（Genome Sequence Archive）、基因组序列库（Genome Warehouse）、或基因组变异数据库（Genome Variation Map）等数据库递交数据（BioCode 数据库除外），都**必须先进入 BioProject 数据库创建 BioProject**并完成相关信息填写，具体操作步骤如下：



注：如果用户需要向生物信息工具库（BioCode）递交开源生物信息软件工具，可直接进入 BioCode 数据库按步骤进行工具递交。



BIGD Databases Tools Standards Publications About

BIG Sub
BIG Submission Portal

Home Documents Data Manager Zhang Logout

BIG Sub / BioProject / New BioProject

01 Submitter 02 General Information 03 Project Type 04 Publication 05 Overview

Submitter

* First name: Zhang
 * Middle name: middle name
 * Last name: Sisi
 * Email: zhangss@big.ac.cn
 * Email (secondary): secondary email
 * Organization: Beijing Institute of Genomics, Ch
 * Organization website: http://www.big.ac.cn
 * Department: BIG Data Center
 * Phone:
 * Fax:
 * Street: Beichen West Road
 * City: Beijing
 * State/Province:
 * Postal code: 100101
 * Country/Region: China

Save and forward



01 Submitter 02 General Information 03 Project Type 04 Publication 05 Overview

General information

Release Date

Release immediately following curation (recommended)
 Release on specified date

Release Date 的设置时间，用户可根据项目需求进行设定，但最长不要超过 2 年。

Umbrella project

--
 eGPS: evolutionary Genotype-Phenotype Systems biology
 MMDB: Molecular Module-based Designer Breeding Systems

目前本系统 Umbrella Project 功能只对中国科学院战略性先导科技专项开发，其他项目此项不必填写。

* Project title:
 * Relevance:
 * Description:

Grants

* Agency:
 Program: Grant ID: Grant title:

请选出项目资金来源机构

注：eGPS：evolutionary Genotype-Phenotype biology 为先导 B 动物复杂性状的进化解析与调控项；

MMDB：Molecular Module-based Designer Breeding System 为先导 A 分子模块设计育种创新体系项目。



01 Submitter 02 General Information **03 Project Type** 04 Publication 05 Overview

Project type

*** Project data type**

- Whole genome sequencing
- Clone ends
- Epigenomics
- Exome
- Map
- Metagenome
- Phenotype or Genotype
- Random survey
- Targeted Locus (Loci)
- Transcriptome or Gene expression
- Variation
- Genome sequencing and assembly
- Raw sequence reads
- Genome sequencing
- Assembly
- Metagenomic assembly
- Proteome
- Targeted loci cultured
- Targeted loci environmental
- Other

*** Sample scope**

Monoisolate

Monoisolates

Multisolate

Multispecies

Environment

Synthetic

Single cell

Other

Project Data type 支持多选，Project Data type 列表中不包括的测序类型，可以选择 others 并在 Project Data type description 中自行添加。

Save

Research Topics & Projects Featured Database Commons Conferences & Training Conferences About Us People

Monoisolate: 同一物种且同一基因型样本，主要用于模式动物/植物或细胞系等。

Multisolate: 同一物种的多基因型的个体样本

Multi-species: 多物种样本集

Environment: 环境样本集，样本的种类含量尚不清楚，多用于宏基因组研究

Synthetic: 在实验室里制造/合成的样本

Single cell: 单个细胞测序得到的序列信息

Other: 其他样本/无法归入以上类别的特殊样本



01 Submitter 02 General Information 03 Project Type **04 Publication** 05 Overview

Publication

PubMed ID OR DOI

[Add another publication](#)

Save and forward



BIG Sub
BIG Submission Portal

Home Documents Data Manager Zhang Logout

BIG Sub / BioProject / New BioProject

01 Submitter 02 General Information 03 Project Type 04 Publication 05 Overview

Overview

Submitter

Submitter: Zhang Sisi
 zhangss@big.ac.cn
 Organization: Beijing Institute of Genomics, Chinese Academy of Sciences
 Department: BIG Data Center
 Country/Region: China
 Address: Beichen West Road Beijing
 Postal code: 100101

General information

Project title: test
 Relevance: Environmental
 Description: 11111
 Release Date: 2018-03-13

Project type

Project data type: Whole genome sequencing
 Metagenome
 Sample scope: Multisolate

Publication

Submit Project

Submit Project

点击 Submit Project 完成 BioProject 创建。



BIGD Databases Tools Standards Publications About

BIG Sub
BIG Submission Portal

Home Documents Data Manager Zhang Logout

BIG Sub / BioProject

BioProject is an overall description of a single research initiative, a project will typically relate to multiple samples.

Create BioProject BioProject Submission Help(US) BioProject Submission Help(CN)

Accession	Submission ID	Project title	Release Date	Status	Operation
Unassigned	subPRO000893			unfinished confidential	Delete
PRJCA000618	subPRO000882	test	2018-03-13	finished confidential	Delete

注:用户完成 BioProject 创建后, Status 状态为 Finish; Confidential, 系统将自动为用户生成 Accession number。在管理员审核通过之前, 用户可在 BioProject 界面随时修改和删除所创建的 BioProject。管理员审核通过后, Status 状态会变为 Checked OK; Confidential, 到达用户设定的发布日期后, 会变成 Checked OK; Public。