

## PROJECT INTRODUCTION

### Objectives

To be a one-stop directory service for Life Science related databases in Singapore.

### Project Investigator / Manager

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### Period of Project

May 2004 – Dec 2004

### Website

<http://www.ngp.org.sg/lsvgc/index.html>

### Abstract

This project aims to consolidate the downloading of overseas databases and make them available locally so as to alleviate the congestion of the network link to overseas sources.

## PROJECT DETAILS

### Description

The size of Life Sciences databases has been growing exponentially with the advancement of sequencing techniques. Researchers would generally like to work with the latest versions of the databases, but are finding a hard time to do catch up to stay current.

In Singapore, one of the factors contributing to this effort is the saturation of the overseas network link. To alleviate the congestion of the international link, it would make sense to consolidate the downloading of the databases from overseas and make available the downloaded database locally.

The Life Science Database Directory aims to be a one-stop directory service for Life Science related databases in Singapore. This effort is coordinated driven by the Life Sciences Virtual Grid Community in partnership with the various organizations.

The database directory consists of both downloaded databases as well locally generated databases.

ID	Short Name	Description	Access	Accession	URL	Network	Project	Local
1	BLAST DB	Latest release of the BLAST databases (g, m, n, p, r, s, t, v, w, x, y, z) and the NCBI taxonomic database	NCBI	BLAST	http://www.ncbi.nlm.nih.gov/blast	America	Team leader	Yes
2	BLAST DB	Latest release of the BLAST databases (g, m, n, p, r, s, t, v, w, x, y, z) and the NCBI taxonomic database	NCBI	BLAST	http://www.ncbi.nlm.nih.gov/blast	America	Team leader	Yes
3	BLAST DB	Latest release of the BLAST databases (g, m, n, p, r, s, t, v, w, x, y, z) and the NCBI taxonomic database	NCBI	BLAST	http://www.ncbi.nlm.nih.gov/blast	America	Team leader	Yes
4	BLAST DB	Latest release of the BLAST databases (g, m, n, p, r, s, t, v, w, x, y, z) and the NCBI taxonomic database	NCBI	BLAST	http://www.ncbi.nlm.nih.gov/blast	America	Team leader	Yes
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LS Database Directory

The database directory is designed to be easy to use. BII has kindly developed the system and is hosting it.

### Collaborating Organizations:

- Bioinformatics Institute
- Genome Institute of Singapore
- Institute of Molecular & Cell Biology
- Ministry of Health
- Nanyang Polytechnic
- National Cancer Centre
- National University of Singapore
- Ngee Ann Polytechnic
- Singapore Polytechnic
- Temasek Polytechnic