



## SUSTAINABILITY

**The Government of the Federal Republic of Germany is the official host of the GISAID platform**

The GISAID Initiative is overseen by 3 organizational bodies that operate independently of each other:

- A **Board of Trustees** guaranteeing the initiative's independence from political or commercial interests;
- A **Scientific Advisory Council** representing the various scientific disciplines and providing scientific oversight of the initiative's mission;
- A **Database Technical Group** providing expertise to the developers for improving GISAID's database.

## PARTNERSHIPS

In addition to the Federal Republic of Germany, the A\*STAR's Bioinformatics Institute of the Republic of Singapore and the United States Centers for Disease Control and Prevention, are among those partners making substantial in-kind contributions to GISAID.

GISAID is a partner in the European Union project PREDEMICS on the Preparedness, Prediction and the Prevention of Emerging Zoonotic Viruses with Pandemic Potential using multidisciplinary approaches.

*China deserves credit for its rapid response to the outbreaks of H7N9 avian influenza. On the same day China reported the H7N9 outbreak, it published the genomic sequences of viruses from human cases then identified on the GISAID database.*

Nature, April 2013 Vol 496

*"Without a mechanism like GISAID it would be very difficult for various authorities to make information available prior to publication," says Alan Hay, Scientific Liaison Officer and Co-Chair of GISAID's scientific advisory council.*

Nature, May 2013 Vol 497



*The GISAID Initiative is a nonprofit association, organized and operated exclusively for charitable, scientific and educational purposes.*

*Launched on the occasion of the Sixty-first World Health Assembly in May 2008, it was created as an alternative to the Public Domain sharing model.*

*GISAID's sharing mechanism took into account the concerns of WHO Member States by providing a publicly accessible database that protects the rights of data submitters, thereby significantly improving influenza data sharing and international cooperation.*



*publicly accessible*

## EpiFlu™ 2.0 Database

featuring the **world's most current and complete collection of Influenza Data**

**A public-private partnership at work**

**A Global Initiative on Sharing All Influenza Data**

- ensuring global ethical access -



**WWW.GISAID.ORG**

# Scientific Etiquette is at the Heart of GISAID'S MISSION

GISAID promotes the international sharing of all influenza virus sequences, related clinical and epidemiological data associated with human viruses, and geographic as well as species-specific data associated with avian and other animal viruses.

Researchers from both the human and veterinary fields have come together to design this publicly accessible platform. It's use is free-of-charge and accessible to all that agree to GISAID's basic premise of upholding a scientific etiquette, by acknowledging the originating laboratories providing the specimen and the submitting

laboratories who generate the sequence data, ensuring that a fair exploitation of results are derived from the data. All GISAID users agree that no restrictions shall be attached to data submitted to GISAID, to promote collaboration among researchers on the basis of open sharing of data and respect for all rights and interests.

Since 2008 GISAID plays an essential role in the sharing of data among the WHO Collaborating Centers and National Influenza Centers for the bi-annual influenza vaccine virus recommendations by the WHO Global Influenza Surveillance and Response System (GISRS).



## TRANSPARENCY & Responsible Sharing

To uphold GISAID's responsible sharing mechanism, all users are asked to positively identify themselves via a simple and secure online registration procedure at [www.gisaid.org/register](http://www.gisaid.org/register).

Data submitted to GISAID are publicly accessible and without any loss of ownership (in contrast to deposits made to Public Domain archives e.g. GenBank).

GISAID's mechanism does not remove the submitter's interests or rights, such as intellectual property, to the data. This unique sharing mechanism aims to prevent the misuse of shared data.



GISAID/isirv-AVG/WHO Training Workshop, Options for the Control of Influenza VIII, Cape Town 2013

## Publicly Accessible EPIFLU™ 2.0 DATABASE

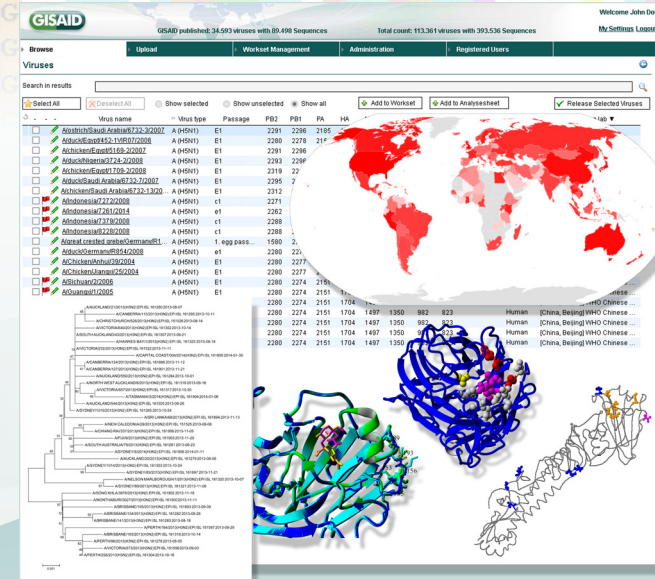
GISAID's database features the most current and comprehensive collection of influenza nucleotide sequences and the associated metadata, both clinical & epidemiological. Its functionality continues to be tailored to the needs of the influenza research communities from both the human and the veterinary fields.

Technical hosting facilities are provided by Germany's Federal Ministry of Food & Agriculture (BMEL) through its Federal Office for Agriculture and Food (BLE).

More than five thousand active users have made the GISAID database their primary source for novel influenza data that are complemented with data from other publicly accessible sources. GISAID data accession numbers are accepted by leading scientific journals.

Germany's Federal Research Institute for Animal Health the Friedrich-Loeffler-Institute provides the quality control and curation of data. All submissions directly to GISAID's database are verified, ensuring the highest quality standards. New analytical tools and user-friendly features are continuously added to facilitate the work of researchers.

- Single and batch uploads of sequence and metadata
- Automatic sequence annotation
- Data curation and validation
- Comprehensive searchable fields and catalogs
- Customizable query functions and data downloads
- Classification (H5 Clade) tools and georeferencing
- Sequence alignment, BLAST searches, phylogeny
- Analysis of mutation significance with FluSurver\*



Publicly Accessible & Free of Charge  
get your access credentials at [gisaid.org/register](http://gisaid.org/register)

[WWW.GISAID.ORG](http://WWW.GISAID.ORG)