

September 23, 2025

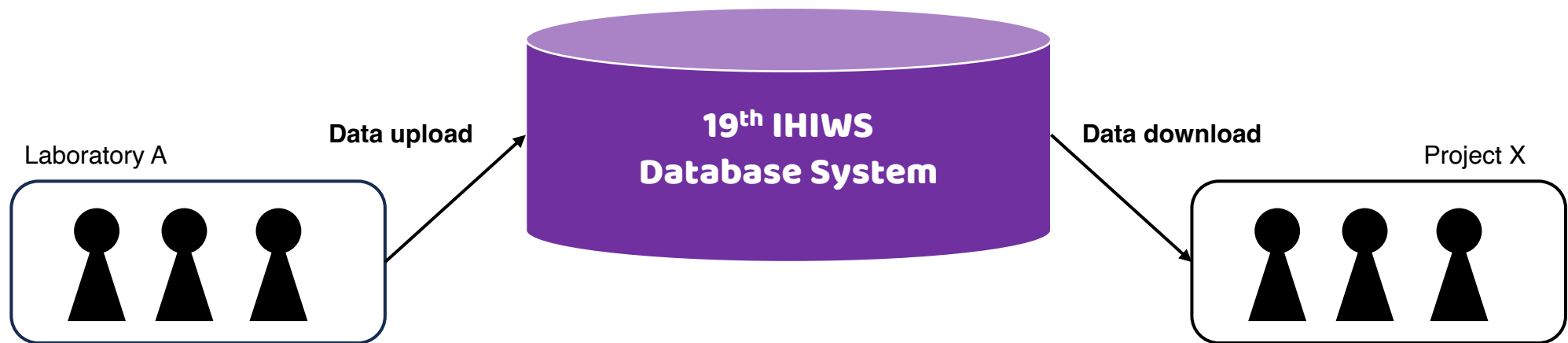
Laboratory 05

Data Linkage to Projects (PI only)

19th IHIWS database system development team

Data linkage between laboratories and projects

Key concept: Laboratories can upload their data, and each project can download data from the linked laboratories.



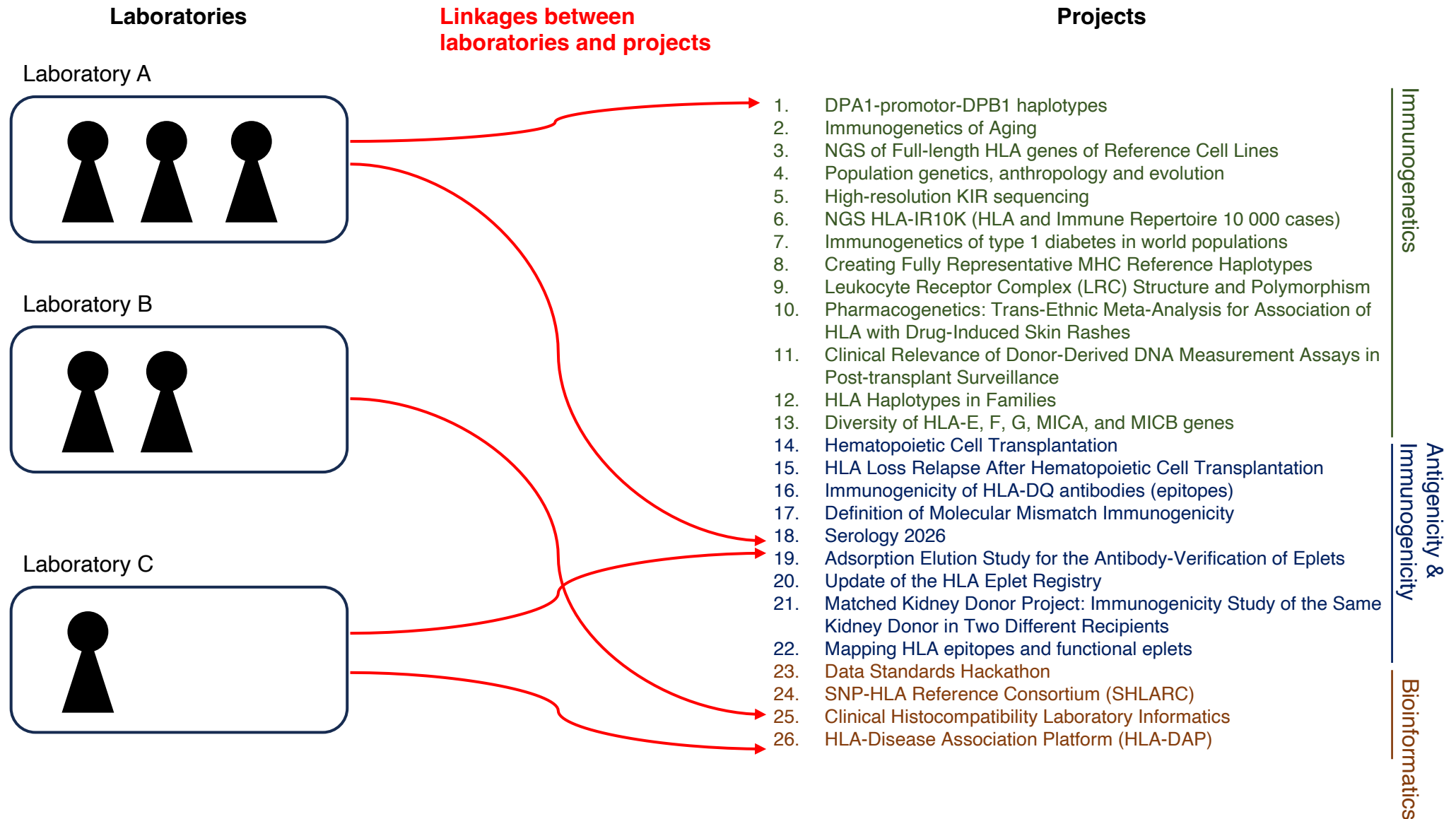
Key features for laboratories:

- Manage laboratory members
- Manage linkage to projects
- Upload and manage HLA genotype data **HML**
- Upload and manage antibody testing data
One Lambda **Werfen**
- Upload and manage sample metadata **Excel**
- Upload and manage subject metadata **Excel**

Key features for projects:

- Download HLA genotype data **HML**
- Download antibody testing data **HAML**
- Download sample metadata
CSV **Excel**
- Download subject metadata
CSV **Excel**

Laboratory PIs can decide which projects to share data with



Data Linkage to Projects (PI only)

The screenshot displays the IHIW19 Management System Dashboard. The browser address bar shows the URL <https://data.ihiw19.org>. The dashboard header includes the IHIW19 logo, navigation tabs for Dashboard, Lab View, and Project View, and a user profile dropdown for IHIW19 PIDEMO1.

Dashboard

Welcome to IHIW19 Management System, IHIW19 PIDEMO1

Metadata Completion Status

HLA Metadata

Sample Metadata (Stage 1)
Sample: 0 of 0 completed (0%)

Subject Metadata (Stage 2)
Subject: 0 of 0 completed (0%)

No HLA metadata found

Antibody Metadata

Sample Metadata (Stage 1)
Sample: 0 of 0 completed (0%)

Subject Metadata (Stage 2)
Subject: 0 of 0 completed (0%)

No Antibody metadata found

Lab View

Manage lab members, upload files, and configure sharing settings with projects.

[Go to Lab View](#)

Project View

Manage projects, view shared files, and import/export data.

[Go to Project View](#)

Click "Go to Lab View"

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Data Linkage to Projects (PI only)

The screenshot shows a web application interface for IHIW19. The browser address bar displays `https://data.ihiw19.org/lab`. The navigation bar includes links for **IHIW19**, **Dashboard**, **Lab View** (active), and **Project View**. A user profile for **Manabu General2** is visible in the top right.

The main content area is titled **Lab View** and includes a sub-label **Lab:**. On the left, a sidebar menu is open, showing options: **Lab Members** (highlighted), **Project Linkage**, **HLA Genotype Data**, **Antibody Testing Data**, **Sample Metadata**, and **Subject Metadata**. A callout box points to the **Project Linkage** option with the text: "Click 'Project Linkage'".

The **Lab Members** section displays a table with the following data:

Name	Email	Role	Status	Action
MANABU ADMIN	manabu-admin@example.com	PI	Active	
manabu general	manabugeneral@example.com	Lab Member	Active	
Manabu General2	manabu-general2@example.com	Lab Member	Active	

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Upload and manage HLA genotype data

The screenshot displays the IHIW19 Lab View interface. The browser address bar shows the URL <https://data.ihiw19.org/lab/#project-linkage>. The navigation bar includes links for Dashboard, Lab View (active), Project View, and Admin View, along with a user profile for IHIW19 ADMIN.

Lab View

Lab:

- Lab Members
- Project Linkage**
- HLA Genotype Data
- Antibody Testing Data
- Sample Metadata
- Subject Metadata

All Projects

Warning: Once a linkage to a project is created, the project leaders will be able to download your laboratory data.

Warning: Once a linkage to a project is created, the project leaders will be able to download your laboratory data.

List of IHIWS projects

Project Name	Description	Component	Status	Action
Immunogenetics of Aging	-	Immunogenetics		Link
DPA1-promoter-DPB1 haplotypes	-	Immunogenetics		Link
IHIWS DNA Cell Lines Panel Project	-	Immunogenetics		Link
NGS of Full-length HLA genes of Reference Cell Lines	-	Immunogenetics		Link
Population Genetics, Anthropology and Evolution (PGAE)	-	Immunogenetics		Link
Non-Human Primate (NHP) MHC Project	-	Immunogenetics		Link
NGS HLA-IR10K (HLA and Immune Repertoire 10 000 cases)	-	Immunogenetics		Link
Immunogenetics of type 1 diabetes in world populations	-	Immunogenetics		Link
Creating Fully Representative MHC Reference Haplotypes	-	Immunogenetics		Link

Upload and manage HLA genotype data

← → ↺ <https://data.ihw19.org/lab/#project-linkage>

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IHW19

Dashboard

Lab View

Tsuyoshi Hachiya2

Lab View

Lab: GAJ

Lab Members

Project Linkage

Genotype Data

Antibody Testing Data

Sample Metadata

Subject Metadata

Token Management

All Projects

Warning: Once a linkage to a project is created, the project leaders will be able to download your laboratory data.

Warning: Once a linkage to a project is created, the project leaders will be able to download your laboratory data.

Project Name	Description	Component	Action
ABO-Histocompatibility	-	Antigenicity & Immunogenicity	Link
Adsorption elution study for the antibody-verification of eplets	-	Antigenicity & Immunogenicity	Link
Clinical Histocompatibility Laboratory Informatics	-	Bioinformatics	Link
Clinical Relevance of Donor-Derived DNA Measurement Assays in Post-transplant Surveillance	-	Immunogenetics	Link

List of IHIWS projects

Upload and manage HLA genotype data

Lab View

Lab: GAJ

- [👤 Lab Members](#)
- [🔗 Project Linkage](#)
- [⌛ Genotype Data](#)
- [🔪 Antibody Testing Data](#)
- [🧴 Sample Metadata](#)
- [👤 Subject Metadata](#)
- [🔑 Token Management](#)

All Projects

Warning: Once a linkage to a project is created, the project leaders will be able to access your laboratory data.

Project Name	Description	Component	
ABO-Histocompatibility	-	Antigenicity & Immunogenicity	Link
Adsorption elution study for the antibody-verification of eplets	-	Antigenicity & Immunogenicity	Link
Clinical Histocompatibility Laboratory Informatics	-	Bioinformatics	Link
Clinical Relevance of Donor-Derived DNA Measurement Assays in Post-transplant Surveillance	-	Immunogenetics	Link

Click “Link” to share your laboratory data with this project

Upload and manage HLA genotype data

← → 🔍 <https://data.ihiw19.org/lab/#project-linkage> ゲスト

IHIW19 Dashboard **Lab View** Tsuyoshi Hachiya2

Lab View

Lab: GAJ

Check this box to share your laboratory data with this project

☒ I understand that once a linkage to a project is created, the project leaders will be able to download my laboratory data.

Cancel Confirm

Click "Confirm"

Project Name	Description	Component	Action
ABO-Histocompatibility	-	Antigenicity & Immunogenicity	Link
Adsorption elution study for the antibody-verification of eplets	-	Antigenicity & Immunogenicity	Link
Clinical Histocompatibility Laboratory Informatics	-	Bioinformatics	Link
Clinical Relevance of Donor-Derived DNA Measurement Assays in Post-transplant Surveillance	-	Immunogenetics	Link

Upload and manage HLA genotype data

Lab View

Lab: GAJ

- 👤 Lab Members
- [🔗 Project Linkage](#)
- ⌚ Genotype Data
- 🔪 Antibody Testing Data
- 🧴 Sample Metadata
- 👤 Subject Metadata
- 🔑 Token Management

All Projects

Warning: Once a linkage to a project is created, the project leaders will be able to download your laboratory data.

Project Name	Description	Category	Action
ABO-Histocompatibility	-	Antigenicity & Immunogenicity	Unlink
Adsorption elution study for the antibody-verification of eplets	-	Antigenicity & Immunogenicity	Link
Clinical Histocompatibility Laboratory Informatics	-	Bioinformatics	Link
Clinical Relevance of Donor-Derived DNA Measurement Assays in Post-transplant Surveillance	-	Immunogenetics	Link

Data linkage has been created to the project that now displays “Unlink.”

Upload and manage HLA genotype data

Lab View

Lab: GAJ

- Lab Members
- Project Linkage**
- Genotype Data
- Antibody Testing Data
- Sample Metadata
- Subject Metadata
- Token Management

All Projects

Warning: Once a linkage to a project is created, the project leaders will be able to download your laboratory data.

Project Name	Description	Department	Action
ABO-Histocompatibility	-	Antigenicity & Immunogenicity	Unlink
Adsorption elution study for the antibody-verification of eplets	-	Antigenicity & Immunogenicity	Link
Clinical Histocompatibility Laboratory Informatics	-	Bioinformatics	Link
Clinical Relevance of Donor-Derived DNA Measurement Assays in Post-transplant Surveillance	-	Immunogenetics	Link

Click “Unlink” to cancel the data linkage

Upload and manage HLA genotype data

← → ↻ <https://data.ihw19.org/lab/#project-linkage> ゲスト

IHW19 Dashboard **Lab View** Tsuyoshi Hachiya2

Lab View

Lab: GAJ

Check this box to cancel data linkage to this project

☒ I understand that unlinking from this project will change the status to NOT_LINKED.

Cancel Confirm

Click "Confirm"

Project Linkage

- Genotype Data
- Antibody Testing Data
- Sample Metadata
- Subject Metadata
- Token Management

Project Name	Description	Component	Action
ABO-Histocompatibility	-	Antigenicity & Immunogenicity	Unlink
Adsorption elution study for the antibody-verification of eplets	-	Antigenicity & Immunogenicity	Link
Clinical Histocompatibility Laboratory Informatics	-	Bioinformatics	Link
Clinical Relevance of Donor-Derived DNA Measurement Assays in Post-transplant Surveillance	-	Immunogenetics	Link

Upload and manage HLA genotype data



https://data.ihw19.org/lab/#project-linkage

ゲスト



IHW19

Dashboard

Lab View

Tsuyoshi Hachiya2

Lab View

Lab: GAJ



Lab Members



Project Linkage



Genotype Data



Antibody Testing Data



Sample Metadata



Subject Metadata



Token Management

All Projects

Warning: Once a linkage to a project is created, the project leaders will be able to download your laboratory data.

Data linkage has been canceled to the project that now displays "Link."

Project Name	Descri	
ABO-Histocompatibility	-	Antigenicity & Immunogenicity Link
Adsorption elution study for the antibody-verification of eplets	-	Antigenicity & Immunogenicity Link
Clinical Histocompatibility Laboratory Informatics	-	Bioinformatics Link
Clinical Relevance of Donor-Derived DNA Measurement Assays in Post-transplant Surveillance	-	Immunogenetics Link