

**GSI ACADEMY
AND
SUMMIT INSTITUTE FOR DEVELOPMENT
AND
OXFORD UNIVERSITY CLINICAL RESEARCH UNIT
PRESENT**

GENOMICS AND SCIENCE *DOJO* AND WORKSHOP

**Strike with Arguments, Defend
Your Idea!**

**Participant's
Booklet**

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Greetings

Dear participants,

It is with immense pleasure and excitement that we extend a warm welcome to each of you the Genomics and Science Dojo. As we gather for this transformative workshop, we are delighted to witness the coming together of passionate minds, united in the pursuit of genomics and science advancement in Indonesia.

On behalf of the organizing committee and our esteemed collaborators, we would express our sincere gratitude for your participation.

Throughout the Dojo Sessions and Workshop, we aim to create an environment that fosters learning, builds characters, and encourages the exchange of ideas in a novel and interesting way.

As you embark on this journey, we encourage you to actively engage with fellow participants, speakers, and facilitators. We hope that the skills and knowledge gained will serve as valuable assets in your quest.

Best wishes for an inspiring journey!

Committee of the Genomics and Science Dojo



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Acknowledgement

This program was funded by UK International Development from the Government of the UK



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Collaborators



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Genomics
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Call for science warriors!



Full publication support available!*



Scan to register!

Registration link:

<https://bit.ly/ScienceDojo>

*selected participants only

Contact Person:

Christina (081119230640)
genomicssciencedojo@gmail.com

academy.gsilab.id

Program Overview

Engage, learn, and grow in ways you've never imagined.

Our objective is to support genomic research ecosystem in Indonesia and encourage publication in the field of genomics through insightful and mind-transforming training by experts in the field.

In each Dojo session, participants will receive materials on genomics and scientific writing. Unlike conventional workshop, there will be “sparring” session where each participant can practice presenting and defending their ideas.

Train and compete in our workshop

Selected Dojo attendees get the chance to join our 5-day workshop covering a deep-dive to preparing high impact publications and to compete for full publication support in reputable journals.

Dojo Session Thematic Sprint Schedule

- #1: January 16, 2024
- #2: January 30, 2024
- #3: February 13, 2024
- #4: February 27, 2024



Important Dates

- December 31, 2023: Application deadline
- January 5, 2024: Participant announcement
- January 2024-February 2024: Dojo sessions
- March 4-8, 2024: Workshop

Changes on Schedule

While we strive to adhere to the initially provided dates and times for each Dojo session and the workshop program, there may be situations that necessitate adjustments to the schedule.

In the event of any schedule changes, every effort will be made to notify participants in advance.



Dojo Session Key Topics

1. Compiling core genomics analysis from common assessment tools
2. Preparing/refining an analysis plan
3. Selecting relevant variables and identifying data gaps
4. Assessing data quality, reliability, validity and internal consistency
5. Examining spatial and temporal trends
6. Qualitative data assessment
7. Analysis tools for machine learning and big data.
8. Logical Inference skills
9. Spoken and written persuasive skills
10. Personal agency and empowerment

Participants' Eligibility

- Participants register through the provided link and complete all needed information. Register as teams of two members.
- Participant Eligibility:
 - Teams consisting of 2 people
 - Interest in genomics, bioinformatics, public health, and related subject
 - Commitment and availability to attend the entire set of Dojo sessions and Workshop
 - Minimum education of completion of 2 semesters of Bachelor's training
 - Ability to read, write, and speak in English
 - Basic knowledge of molecular biology and sequencing
 - Basic numeracy and quantitative abilities
 - Basic working knowledge of statistics and ability to use data analysis software such as SPSS, R, Python, SAS, or equivalent
 - Submission of an original draft abstract of a proposed paper in genomics or bioinformatics in public health

Registration

- Registration and Submission date: **December 13, 2023 – December 31, 2023**
- Minor changes on title and research outline are allowed throughout the events
- Research abstract written in English is submitted through registration link: <https://bit.ly/ScienceDojo>
- The article to be prepared in Dojo sessions and the Workshop is an original piece that has not been published before
- If you do not have data or research, you may use secondary data available in freely accessible databases, and you are strongly encouraged to participate:
- Example of genomic data to be used:
 - <https://www.ncbi.nlm.nih.gov/datasets/>
 - <https://gwas.mrcieu.ac.uk>
- Following a competitive selection process, up to 30 teams will be invited to participate on Dojo sessions.

Benefits and facilities

- Immersive training experience with international facilitator
- Gain knowledge and skills on genomic and data analysis
- Networking with scientist throughout Indonesia
- Manuscript publication and support in reputable journal
- Training facilities:
 - Training kit
 - Meal
 - Certificate

Code of Conduct

- Participants are expected to maintain a respectful and inclusive environment throughout the Dojo and Workshop session.

Changes to Terms and Conditions:

- The organizer reserves the right to make changes to these terms and conditions. Participants will be notified of any changes in advance.
- By registering for the Dojo and Workshop program, participants acknowledge that they have read and agree to the terms and conditions.

Additional Information

- If the team unable to attend Dojo Sessions or Workshop Sessions, participants must notify the Committee
- Dojo Sessions and Workshop will be conducted in English, translator will be available in every session
- Materials used in the Dojo and Workshop session will be shared through the GSI Academy website, make sure you have an account to access the materials.
- Dojo Participants need to create account in GSI Academy website:
<https://academy.gsilab.id/web/signup>
- Every publications from this event must mention and acknowledge the Genomics and Science Dojo activity and funding from the UK Government
- Additional terms and condition regulating the manuscript publication will be informed later.



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Contact Information

If you have inquiries or need more information regarding the program contact us!

Christina (081119230640)
genomicssciencedojo@gmail.com
anuraj.shankar@ndm.ox.ac.uk

GSI Academy Website Registration Guideline

- Visit the registration page of the website on:
<https://academy.gsilab.id/web/signup>
- Fill the provided fields with correct information.
- Click on the Sign Up button
- To access the materials, visit the homepage by clicking on the GSI Academy logo on the header
- Find the content card titled “Genomics and Science Dojo” and click on Find out More
- Materials will be accessible to invited participants for preview and download.