

# Johannes Nicolaus Wibisana

MSc STUDENT · SYSTEMS BIOLOGIST

Minoh, Osaka, Japan

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"Efficiency is key."

## Summary

I am currently a 1st year MSc student in the Graduate School of Science, Osaka University working on fluorescence imaging and single-cell transcriptomics and functional omics analysis (ATAC-seq, RNA-seq). I am familiar with R, ImageJ macro and bash. I am an adaptable and flexible person that can quickly grasp new concepts to efficiently complete given targets.

## Honors & Awards

2020/09	<b>Poster presentation award</b> , The 58th Annual Meeting of the Biophysical Society of Japan	Japan
2018	<b>Bronze award</b> , BIOMOD 2018 Molecular Design Competition	San Francisco, U.S.A
2017	<b>Bronze award</b> , BIOMOD 2018 Molecular Design Competition	San Francisco, U.S.A

## Presentations

### INTERNATIONAL

<b>Japan-Korea Bilateral Symposium between IPR and SNU on Advanced Analysis of Protein Function and Structure (Oral presentation)</b>	College of Pharmacy, Seoul National University, S. Korea
NF-κB MEDIATED TRANSCRIPTIONAL REGULATION IN B CELL	Jan. 2020

<b>International Conference of Systems Biology (Poster presentation)</b>	Okinawa, Japan
MULTI-DIMENSIONAL ANALYSIS OF NF-κB NUCLEAR DYNAMICS	Nov. 2019

### DOMESTIC

<b>The 58th Annual Meeting of the Biophysical Society of Japan (Poster presentation)</b>	Japan (held online)
NF-κB MEDIATED TRANSCRIPTIONAL REGULATION IN B CELL	Sep. 2020
<b>18th IPR Retreat (Oral presentation)</b>	Osaka, Japan
MULTI-DIMENSIONAL ANALYSIS OF NF-κB NUCLEAR DYNAMICS	Nov. 2019

## Education

<b>Osaka University (Graduate School of Science)</b>	Osaka, Japan
M.SC IN BIOLOGICAL SCIENCES	Apr. 2020 - Current (Expected graduation: Mar. 2022)

- Awardee of the [HISF \(Honjo International Scholarship Foundation\)](#) scholarship.
- Research: NF-κB transcriptional regulation in B-cell, Laboratory of Cell Systems (PI: Mariko Okada)
- Others: In charge of laboratory website, and bioinformatics training of several visiting researchers (mainly RNA-seq)

<b>Osaka University (Chemistry-Biology Combined Major Program)</b>	Osaka, Japan
B.SC IN BIOLOGICAL SCIENCES	Oct. 2010 - Mar. 2020 (3.5 years)
<ul style="list-style-type: none"><li>• Awardee of the MEXT (Ministry of Education, Culture, Sports, Science and Technology) scholarship.</li><li>• Research: NF-κB transcriptional regulation in B-cell, Laboratory of Cell Systems (PI: Mariko Okada)</li><li>• Selected for <a href="#">AEARU 2018 Summer Camp</a> in Hefei, China</li></ul>	

## Research activities

<b>Laboratory of Cellular Life Science (PI: Naotada Ishihara), Osaka University</b>	Osaka, Japan
RESEARCH INTERN	Sep. 2018 - Feb. 2019
<ul style="list-style-type: none"><li>• Performed quantitative analysis of mitochondrial morphology using ImageJ</li><li>• Performed basic experiments such as mammalian cell culture and confocal imaging</li></ul>	

## Bio Medical Wet Robotics Laboratory (PI: Morishima Keisuke), Osaka University

Osaka, Japan

ASSOCIATE PROJECT LEADER FOR BIOMOD 2017-2018

2017 - 2018

- Performed basic DNA origami experiments
- Performed 3D modeling and computer simulated DNA origami design

## Laboratory of Science and Innovation for Pain, Osaka University

Osaka, Japan

RESEARCH ASSISTANT

Apr. 2018 - Feb. 2019

- Performed basic experiments such as mouse genotyping, RNA extraction, and ELISA
- In charge of laboratory cleanliness

## Department of Biotechnology, Pelita Harapan University

Tangerang, Indonesia

RESEARCH ASSISTANT

May 2016 - Sep. 2016

- Microbiology project titled: Antibiotic susceptibility evaluation of *Bacillus amyloliquefaciens* isolated from local pig gastrointestinal tract as potentially probiotic candidate
- Performed basic microbiology techniques for antibiotic resistance assay

## Organizational activities

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### Indonesian Student Association in Japan

Japan

SECRETARY GENERAL

Sep. 2020 - Current

- In charge of daily affairs in the organization

### Indonesian Student Association in Japan

Japan

SECRETARY GENERAL

Sep. 2019 - Sep. 2020

- In charge of daily affairs in the organization
- In charge of annual symposium by the Indonesian Student Association in Japan (ASSIGN 2020)

### Indonesian Student Association in Japan - Osaka-Nara

Osaka, Japan

PRESIDENT

Sep. 2019 - Sep. 2020

- In charge of all events held by the organization
- In charge of annual symposium by the Indonesian Student Association in Japan (ASSIGN 2019)
- Correspondence with the Consulate General of the Republic of Indonesia in Osaka and Osaka University representatives

## Other skills

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### Website design and development

HTML, CSS, Jekyll. Built and designed [laboratory website](#) using HTML and CSS (Bootstrap) and [personal website](#) (partially) using Jekyll

### 3D printing and modeling

Can perform basic 3D modeling using Fusion360 or Maya. Familiar with basic 3D printing techniques.