

## Yoojung Han

Integrated M.S. - Ph.D. candidate,  
Interdisciplinary Program in Bioinformatics, Seoul National University  
**Email** : hanyj0823@snu.ac.kr

### EDUCATION

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2020.09 - **Integrated M.S. - Ph.D. candidate**,  
Interdisciplinary Program in Bioinformatics,  
**Seoul National University**, Korea

2016.03 - 2020.08 **B.S. (Cum Laude)**,  
Department of Biosystems & Biomaterials Science and Engineering,  
**Seoul National University**, Korea

### CURRENT AND PREVIOUS POSITION

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2020.09 - **Graduate Student**  
Interdisciplinary Program in Bioinformatics, **Seoul National University**, Korea  
Advisor: Hyesik Chang, Ph.D.

2020.04 - **Student Researcher**  
Center for RNA Research, **Institute for Basic Science (IBS)**, Korea  
Director: V. Narry Kim, Ph.D.

2020.04 - 2020.08 **Undergraduate Research Internship**  
School of Biological Sciences, **Seoul National University**, Korea  
Advisor: Hyesik Chang, Ph.D.

### RESEARCH INTEREST

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Experimental method and software development using nanopore long-read sequencing for studying :  
1) RNA processing and regulation, 2) DNA tandem repeat size estimation

### SCHOLARSHIP

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2024 SNU Next Generation Scholarship in Basic Studies (*\$17,500 for 1 year*)

### AWARD

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2024.10 Best Poster Award at International Conference of Korean Society for Bioinformatics (KSBi)

## **PUBLICATION** (§ Co-first author, # Corresponding author)

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1. Ahn, J. H., Lee, S., Moon, J., **Han, Y.**, Chang, H., Youn, J., Cho, J. W., and Jang, J.-H.# (2024).  
Another Common Genetic Ataxia in South Korea: Spinocerebellar ataxia 36.  
*European Journal of Human Genetics* (under revision)

## **POSTER PRESENTATION**

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2024.11	Cold Spring Harbor Laboratory Meeting (Biological Data Science), New York, USA
2024.10 ( <b>Awarded</b> )	International Conference of Korean Society for Bioinformatics, Gyeongju, Korea
2023.12	SNU-BIO symposium, Seoul, Korea
2023.11	International Conference of Korean Society for Bioinformatics, Yeosu, Korea
2022.10	International Conference of Korean Society for Bioinformatics, Daejeon, Korea

## **TEACHING EXPERIENCE**

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2023.03 - 2023.06	<i>Teaching Assistant</i> , Bioinformatics and Practice I, Seoul National University
2022.09 - 2022.12	<i>Teaching Assistant</i> , Bioinformatics and Practice II, Seoul National University

## **SKILLS**

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Computer languages

**Python, Linux, R, C/C++**

Wet lab experiments

**Basic molecular biology experiments, RNA experiments, Mammalian cell culture**

Sequencing technologies (from library preparation to data analysis)

**Nanopore sequencing, Illumina sequencing**