
RYEJUNG NA (YEOJUNG NA)

Sr. Research Associate, TVSR
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Summary

- As a data analyst with a strong foundation in Microbiology, Neuroscience, and Oncology, ready to work on advancing my career in data-driven insights and making substantial contributions to meaningful discoveries.
- Currently serving as Sr. research associate at TVSR (Target Validation Shared Resource) at OSU Comprehensive Cancer Center.
- Currently completing a data analytics master's program (MTDA: Master in Translational Data Analytics)

Highlights

- Strong biological, chemical, and medical background
- Analytics, statistical research, and data assessment
- Compile research and conduct presentations
- Knowledge of data analysis software
- Expert in data interpretation

Statistical and experimental skills

- Data Analysis: R and Python
- Statistical Analysis: Proficient in statistical analysis, hypothesis testing, and data interpretation.
- Image and signal processing data analysis: Skilled in data analysis through bioluminescence imaging, enabling the extraction of valuable insights from extensive raw data.
- Data Visualization: Skilled in data visualization tools including Adobe Illustrator and ggplot2.
- Skilled in data interpretation: Proficient in data interpretation, supported by extensive experience and a strong foundation in biology gained through a diverse range of research.
- Molecular Biology Techniques: Expert in PCR, DNA/RNA extraction, DNA-transfection, and gene expression analysis.

- In vivo Techniques: Expert in the development of patient-derived xenograft models, bioluminescence imaging, mouse irradiation, mouse dissection, chemotherapy by IP injection, oral gavage, and IV injection.

Related Employment

- Research associate, TVSR, Comprehensive Cancer Center, OSU, Nov. 2015 - Present
- Lab. Technician, Department of Radiation Oncology, Univ. of Utah, Sep. 2014 - Jul. 2015
- Postdoctoral researcher, Department of Microbiology, Columbia Univ., Nov. 2009 - Mar. 2010
- Postdoctoral researcher, Lab. Cellular Aging and Neurodegeneration, Ilsong Institute of Life Science, Hallym Univ. South Korea, Mar. 2008 - Oct. 2009

Education

- Master in Translational Data Analytics, Ohio State University, USA, Aug. 2022 - ongoing
- Ph.D. in Microbiology, College of Medicine, Hallym University, South Korea, Feb. 2008
- Bs/Ms. in Microbiology, Department of Microbiology, Seoul Women's University, South Korea, Feb. 2003

Immigration status

- US lawful permanent residency