

Ruoyu Yang

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EDUCATION

Fudan University	Shanghai, China
BS, Biological Sciences	<i>August 2016 - June 2020</i>
University of Connecticut Health Center	Farmington, CT
PhD student, Biomedical Sciences	<i>August 2021 - Present</i>
The Jackson Laboratory for Genomic Medicine	Farmington, CT
Predocctoral associate, Biomedical Sciences	<i>August 2021 - Present</i>

RESEARCH EXPERIENCES

Fudan University State Key Laboratory of Genetic Engineering	<i>Mar 2018 – June 2020</i>
Advisor: Dr. Qing Yang	
<ul style="list-style-type: none">• Research project of the role of the kynurenine pathway in the neuronal injury induced by microglia activation• Research project of the proatherosclerotic function of indoleamine 2, 3-dioxygenase 1 in the developmental stage of atherosclerosis	
The Jackson Laboratory for Genomic Medicine	<i>August 2021 - Present</i>
Advisor: Dr. Julia Oh	<i>August 2021 – Jan 2022, May 2022- Present</i>
<ul style="list-style-type: none">• Rotation research project of genome-scale metabolic modeling and analysis of gut microbiome• Thesis research project of transcriptional profiling of colonization response of 3D human skin organoids to genetically diverse staphylococcal strains	
Advisor: Dr. Jeffrey Chuang	<i>Jan 2022 - May 2022</i>
<ul style="list-style-type: none">• Rotation research project of cell-cell communication analysis of immunohistochemistry and imaging mass cytometry of melanoma	

PUBLICATIONS

Liang H, Chen M, Qi F, Shi L, Duan Z, **Yang R**, He J, Lou B, Li Y and Yang Q. The proatherosclerotic function of indoleamine 2, 3- dioxygenase 1 in the developmental stage of atherosclerosis. *Signal Transduction and Targeted Therapy*.2019; 4:23; <https://doi.org/10.1038/s41392-019-0058-5>

AWARDS & HONORS

Outstanding Graduate of Fudan University	<i>June 2020</i>
The Third Prize of the first Shanghai Undergraduate Life Sciences Contest	<i>Oct 2019</i>

The First Prize Scholarship for Outstanding Students	<i>Oct 2019</i>
Professional Scholarship for Undergraduate	<i>Oct 2019</i>
The Second Prize Scholarship for Outstanding Students	<i>Oct 2018</i>
Professional Scholarship for undergraduate	<i>Oct 2018</i>
The Second Prize Scholarship for Outstanding Students	<i>Oct 2017</i>

Conferences

The 2022 Montagna Symposium on the Biology of Skin	<i>Oct 2022</i>
Poster presentation	