

Yu Zhang

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EDUCATION

University of Michigan, Ann Arbor

Bachelor of Science, Honors Degree

- **Honors:** University Honors (2015-2019); James B. Scholar (April,2019); Phi Kappa Phi Honor Society

GPA:3.90/4.0

Major: Microbiology

Ann Arbor, MI

Sep 2015 - April 2019

RESEARCH

Yin's Lab

Boston, MA

Research Assistant II, Wyss Institute for Biologically Inspired Engineering, Harvard Medical School July 2019-present

- **Projects:** High Performance Immunoassay Development
- **Skills:** Protein Conjugation and Purification; SDS-PAGE Gel; qPCR; ELISA; Human Blood Serum Isolation

Cascalho's Lab

Ann Arbor, MI

Research Assistant, Transplantation Surgery Department, Michigan Medicine

May 2016-Jun 2019

- **Projects:** How B cells could influence the presence of rejection after transplantation
- **Skills:** ELISpot; PCR; Cell Culture (Fibroblast; PBMCs); Human Blood PBMCs Isolation; Mice Handling Skills; Poly-Reactive ELISA; Multi-Channel Flow Cytometry (FACS)

Wang's Lab

Ann Arbor, MI

Research Assistant, Molecular Cellular Developmental Biology Department, College of Literature, Science and Arts

Jan 2016-July 2016

- **Projects:** GRASP55, GRASP65 and Golgi's role in Autophagy
- **Skills:** Cell Culture (HELA; HEK); CRISPR Knock Out; SDS-Page Western Blot; Immunofluorescence

INTERNSHIP

Shanghai Hengrui Pharmaceutical Company

Shanghai, China

Full Time Research Intern in Research & Development Department

Feb 2017-Jun 2017

- **Projects:** Development of current and new CAR T cell immune check points

VOLUNTEER & SHADOW

University of Michigan Health System(UMHS)

Ann Arbor, MI

Volunteer in Cardiology Vascular Center Waiting Room & Cancer Center Patient guide

Jan 2016-Present

LOOP South Africa: Cheetah Breeding and Conservation

Limpopo, South Africa

Student veterinary volunteer in Feracare Wildlife Center

Jun 2018-July 2018

Saint Joseph Mercy Health System

Chelsea, MI

Volunteer in Emergency Room

Sep 2017-Feb 2018

GAP Volunteer Malaysia

Kulai, Malaysia

Volunteer in Malaysia orphanage

July 2017

Xinhua Hospital

Shanghai, China

Shadow in the department of Cardiology; Volunteer in Hospital

July 2015-Aug 2015

Carle Hospital

Champaign, IL

Volunteer in Digestive Health Center

Dec 2014-May 2015

LANGUAGES, TECHNICAL SKILLS, ORGANIZATIONS

Languages: Bilingual in English, Mandarin; First year knowledge of German

Technical Skills: Basic knowledge in C++; python; R language;

Working proficiency in Microsoft Suite (Word, Excel, PowerPoint, etc), Fiji, Prism Graphpad