

Hyun Hwan (Phillip) An

830 Huntington Avenue Unit 1, Boston, MA 02115
Cell: (641)888-0079 | Email: hyunh_an@dfci.harvard.edu

EMPLOYMENT

Dana-Farber Cancer Institute, Boston, MA 02215 July 2019-Present
Research Technician in Mark Murakami's Lab, Medical Oncology.

EDUCATION

Grinnell College, Grinnell, IA 50112 Graduation Date: May 2019
Bachelor of Arts in Biological Chemistry, Economics. GPA to date: 3.91
Minor in Neuroscience.

RESEARCH & TEACHING EXPERIENCE

“Overcoming resistance in BCR-ABL rearranged acute lymphoblastic leukemia.” – Lab of Mark Murakami (MD, Post-Doc Emeritus, Dana-Farber Cancer Institute, Department of Medical Oncology, Boston, MA 02215). July 2019 ~Present

“The economic efficiency behind Blockchain technology implementation into Health Information Technologies.” Under Bradley Graham (PhD, Assistant Professor, Grinnell College, Department of Economics, Grinnell, IA 50112). Fall 2018

“EB Differentiation of gata1 knockout iPSCs into megakaryocytes and erythrocytes.” Research Intern – Lab of Stella T. Chou (MD, Attending Physician & Assistant Professor of Pediatrics, Children’s Hospital of Philadelphia, Philadelphia, PA 19104). Summer 2018

“The Effects of Gain of Function Mutant R273H p53 and RNF4 on MCF-7 Cell Survivability.” – Lab of Yee Mon Thu (PhD, Assistant Professor, Grinnell College, Department of Biology, Grinnell, IA 50112). Fall 2017 ~Spring 2018

“The Role of RNF4 in Genome Stability and Cancer.” – Lab of Yee Mon Thu. Summer 2017

Teaching Assistant – Intro to Biological Chemistry Spring 2018
Macroeconomics Tutor Fall 2017

SKILLS

- Cell Culture (iPSCs, MEFs, MCF7, MDA-MB-231, MDA-MB-468)
- EB (Embryoid Body) & Erythroid Differentiation
- PCR, PCR Purification, Primer Design, Sequencing Analysis
- Lipid-based Transfections, Viral Transduction, Site-Directed Mutagenesis
- Colony Assays (Human Fetal Liver Cells)
- Mini/Midiprep, Genomic DNA Extraction, Gel Electrophoresis, PCR Purification, Sequencing Analysis
- SDS-PAGE, Western Blot, Immunofluorescence, Multicolor Flow Cytometry and Cell Sorting
- Ion Exchange & Affinity Chromatography
- Basic Cockroach & Frog Dissections
- Mice bleeding, oral gavage, intraperitoneal injections, bone marrow aspiration

PRESENTATIONS

Poster Presentations:

Undergraduate Research Symposium: Biological Sciences and Psychology at Washington Univ. in St. Louis, MO, November 2017. “The Role of RNF4 in Genome Stability and Cancer.”

LEADERSHIP & EXTRACURRICULAR

- YouTube— Organization of Personal Thoughts: Fall 2017-Present
<https://goo.gl/8MdK1U>
- Reflections on Books read and Personal Thoughts: Spring 2016-Present
<https://www.anhyunhwan.com>
- Patent Pending:* Method and Apparatus for Fundraising Filed Jan. 31, 2017
(U.S Patent Application No. 15/420,224).
- Lead of “VOTAEM” Start-up Development Aug. 2016-Dec. 2017
- Internship at Digitide: Basic Programming (C++), Summer 2016
Intro to Financial Online Trading System Module Organization.

HONORS & AWARDS

Phi Beta Kappa Honor Society	Spring 2018-Present
<u>Grinnell College Open Grant</u> for Internship at Children's Hospital of Philadelphia, \$3500.	Summer 2018
<u>Grinnell College Research Grant</u> for Mentored Advance Project At Grinnell, \$3500.	Summer 2017
<u>Grinnell College Open Grant</u> for Internship at Digitide, \$2500.	Summer 2016
<u>Grinnell College Center for Careers, Life, and Service Funding</u> for Externship at St. John's Medical Center, \$880.	Spring 2016
<u>Dean's List</u> (req. GPA > 3.75)	Fall 2015-Present

ADDITIONAL SKILLS

Fluent in Korean, Basic Conversational Mandarin Taekwondo 4 th Dan Black Belt	PADI Advanced Open Water Diver
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REFERENCES & CONTACT

Mark Murakami, MD

Post-Doc Emeritus, Dana-Farber Cancer Institute, Department of Medical Oncology,
Boston MA, 02215.

Office: (617)582-9171; Email: mark_murakami@dfci.harvard.edu

Yee Mon Thu, PhD

Assistant Professor, Allegheny College, Department of Biology, Meadville PA, 16335.

Office: (814)332-2781; Email: ythu@allegheny.edu

Stephen R. Sieck, PhD

Associate Professor, Grinnell College, Department of Chemistry, Grinnell IA, 50112.

Office: (641)269-3077; Email: sieckste@grinnell.edu