

Curriculum Vitae

Date Prepared: June 22, 2023
Name: Hye Jin Chung, MD, MMSc
Office Address: 330 Brookline Avenue, Gryzmish 522, Boston, MA 02215
Work Phone: 617-667-3753
Work E-Mail: hchung6@bidmc.harvard.edu
Work FAX: 617-667-4948

Education:

03/95-02/01	M.D.	Medicine	Yonsei University College of Medicine, Seoul, Korea
09/03-08/05	M.M.Sc.	Dermatology (PI: Dr. Kee Yang Chung)	Yonsei University College of Medicine

Postdoctoral Training:

03/01-02/02	Intern	Preliminary Year	Yonsei University College of Medicine
03/02-02/06	Resident	Dermatology	Yonsei University College of Medicine
07/05-10/05	Chief Resident	Dermatology	Yonsei University College of Medicine
03/06-02/07	Fellow	Dermatology (Cosmetic and Basic Science Research)	Yonsei University College of Medicine
03/07-06/10	Postdoctoral Research Fellow	Dermatology (PI: Dr. Jouni Uitto, and Dr. Andrzej Fertala)	Thomas Jefferson University
07/10-06/11	Intern	Internal Medicine	Berkshire Medical Center
07/11-06/14	Resident	Dermatology	Thomas Jefferson University
11/13-02/14	Chief Resident	Dermatology	Thomas Jefferson University
07/14-06/16	Fellow	Dermatopathology	Boston University School of Medicine

Faculty Academic Appointments:

08/16-02/20	Assistant Professor	Dermatology and Dermatopathology	Boston University School of Medicine
07/18-02/20	Lynne J Goldberg Endowed Junior Faculty Professor	Dermatopathology	Boston University School of Medicine
11/20-	Assistant Professor	Dermatology	Harvard Medical School

Appointments at Hospitals/Affiliated Institutions:

08/16-02/20	Staff Physician	Dermatology	Boston Medical Center, Boston, MA
10/16-09/17	Staff Physician	Dermatology	Granite Medical-Atrius Health Center, Quincy, MA
04/17-02/20	Staff Physician	Dermatology	South Shore Medical Center, Norwell, MA
03/20-	Staff Physician	Dermatology	Beth Israel Deaconess Medical Center

Other Professional Positions:

06/19-01/20	Consultant	Lutronic Global, Billerica, MA, USA
07/22-09/22		
10/19	Consultant	Olix Pharmaceuticals, Korea

Major Administrative Leadership Positions:

Local

2017-2020	Director of Asian Skin Care Center, Department of Dermatology	Boston Medical Center
2017-2020	Assistant Director, Cosmetic and Laser Surgery, Department of Dermatology	Boston Medical Center
2020-	Director of Asian Skin Clinic and Skin of Color Clinic, Department of Dermatology	Beth Israel Deaconess Medical Center
2021-	Director of Laser and Cosmetic Surgery, Department of Dermatology	Beth Israel Deaconess Medical Center

Committee Service:

Local

2016	Endowed Professorship Search Committee, Department of Dermatology	Boston University School of Medicine
2018	Residency Selection Committee, Department of Dermatology	Boston University School of Medicine
2019-2020	VAT (Value Analysis Team) Committee	Boston Medical Center
2020-	Diversity Committee	Harvard Dermatology Residency Program
2022-	Selection Committee for VisTA Scholars Program	Harvard Dermatology Residency Program

Professional Societies:

- 2001- Korean Medical Association
- 2006- Korean Dermatological Association
- 2011- American Academy of Dermatology
- 2013- American Society for Dermatologic Surgery
- 2013-2020 American Society of Dermatopathology
 - 2018-2019 Member, Social Media Committee
- 2016- New England Dermatological Society
- 2017-2018 International Peeling Society
- 2018- American Acne and Rosacea Society
- 2019- Skin of Color Society
 - 2022- Member, Research Committee
- 2020- American Society for Laser Medicine and Surgery

Editorial Activities:

• **Ad hoc Reviewer**

British Journal of Dermatology

Connective Tissue Research

Dermatologic Surgery

Dermatology and Therapy

Experimental Dermatology

International Journal of Women's Dermatology

Journal of Cosmetic Dermatology

Journal of Cutaneous Pathology

Journal of the European Academy of Dermatology and Venereology

Lasers in Surgery and Medicine

Photodermatology, Photoimmunology and Photomedicine

• **Other Editorial Roles**

2016- Editorial Board Member *Korean Journal of Medical Mycology*

2019- Editorial Board Member *Annals of Dermatology*

Honors and Prizes:

1995-2001	Yonsei Special Scholarship for Academic Excellence	Yonsei University College of Medicine	Academic Achievement
1998-1999	Dean's List	Yonsei University College of Medicine	Academic Achievement
2001	The Highest Scholarly Achievement	Yonsei University College of Medicine	Academic Achievement
2005	The Outstanding Resident in Clinical Care Award	Yonsei University Medical Center	Excellence in Clinical Care
2006	The First Place on the 49 th Korean Dermatology Board Exam	Korean Medical Association, Korea	Academic Achievement
2008	Travel Fellowship Award	Thomas Jefferson University	Research Presentation
2008	Travel Award	American Society for Matrix Biology Annual Meeting, San Diego, CA	Research Presentation
2009	Johnson-Beerman Award	College of Physicians Meeting, Philadelphia, PA	Research Presentation
2009	The Best Poster Presentation Award	Postdoctoral Fellowship Symposium, Thomas Jefferson University	Research Presentation
2010	Johnson-Beerman Award	College of Physicians Meeting, Philadelphia, PA	Research Presentation
2011	Intern of the Year Award	Department of Medicine, Berkshire Medical Center, Pittsfield, MA	Excellence in Clinical Care
2013	Outstanding Role Model Award	Department of Dermatology, Boston University School of Medicine	Teaching Award
2017	Clinical Excellence Society Award	Boston Medical Center	Excellence in Clinical Care
2017	Teacher of the Year Award	Department of Dermatology, Boston University School of Medicine	Teaching Award
2017	Winner of Poster Presentation	American Society of Dermatological Surgery Meeting, Chicago, IL	Research Presentation
2018	Excellence in Care Award	Department of Dermatology, Boston University School of Medicine	Excellence in Clinical Care
2020	Best of Session Award, Early Career Scientific Category	American Society for Laser Medicine and Surgery, Phoenix, AZ	Research Presentation

Report of Funded and Unfunded Projects

Current

- 2021- The importance of the type of devices and fillers in laser- or device-assisted filler delivery: histologic evaluation
Stern Grant at Beth Israel Deaconess Medical Center
Principal investigator (\$6,554.00)
This project aims to evaluate the best modality of lasers/devices assisted filler delivery histologically.
- 2022- An open-label proof of concept study regarding the efficacy and safety of dupilumab in the treatment of keloids
Investigator Initiative Study
Principal investigator (\$295,432.61)
This project aims to evaluate the efficacy and safety of dupilumab for keloids.
- 2023- Fractional CO2 Laser versus Fractional Radiofrequency Microneedling for Hidradenitis Suppurativa-Related Atrophic Scars: A Randomized Controlled Rater-Blinded Study
Skin of Color Society Research Grant
Principal investigator (\$20,000.00)
This project aims to assess the efficacy and safety of fractional CO2 laser and fractional radiofrequency microneedling for the treatment of hidradenitis suppurativa-related atrophic scars.

Past

- 2007-2010 Collagen Fibril Formation
NIH grant R01 AR048544
Co-Investigator (\$348,750) (PI: Andrzej Fertala, PhD)
This project aims to develop a novel approach to treat fibrotic diseases such as keloid by employing antibodies blocking a telopeptide region of collagen molecule.
- 2009-2010 Targets of Gene Therapy for Epidermolysis Bullosa
Dermatology Foundation Research Grant
Principal investigator (\$20,000)
Main goal of this study is to construct artificial skin of autosomal dominant epidermolysis bullosa to explore if gene therapy can reverse the phenotype of the disease.
- 2017-2018 Comparison of Fractionated 1,540nm Nonablative Laser and Microneedling in the Treatment of Atrophic Acne Scarring
Boston University School of Medicine Dermatology Research Scholar Award
Principal investigator (\$5,000)

This project aims to compare the effectiveness and safety of fractional 1540 nm laser and microneedling in the atrophic acne scarring.

2018-2019 Microneedling or Laser Assisted Drug Delivery: Importance of Timing and Type of Devices
Boston University School of Medicine Dermatology Research Scholar Award
Principal investigator (\$2,372)

This project aims to investigate several key-factors of microneedling or laser-assisted drug delivery such as timing of application, needle depth, and needle type.

2017-2020 Laboratory Monitoring of Patients with Acne on Isotretinoin
Pochi-Strauss Clinical Research Award
Principal investigator (\$30,000)

This study aims to evaluate the timing and frequency of laboratory monitoring of patients with acne on isotretinoin.

2019-2020 Diagnostic Utility of PRAME (Preferentially Expressed Antigen in Melanoma)
Immunohistochemistry in Melanocytic Tumors
Boston University School of Medicine Dermatology Research Scholar Award
Principal investigator (\$5,000)

This project aims to evaluate PRAME expression in various types of challenging melanocytic tumors.

Unfunded Current Projects

2021- Tolerability of topical retinoids based on the different races
Mentor

This study investigates if the different races would impact on the tolerability of topical retinoids.

2021- Systematic review and meta-analysis of topical treatment for melasma
Mentor

This study evaluates the efficacy and safety of all currently available topical agents for melasma.

2022- Macular acral pigmentation: a cross sectional study
Principal investigator

This study assesses the demographics of macular acral pigmentation and the association with physical trauma to the acral skin.

Report of Local Teaching and Training

Teaching of Students in Courses:

2015-2020	Dermatology Lecture Series 2 nd year medical students	Boston University School of Medicine One-hour lecture per year
2018-2019	Clinicopathological Correlation Course International graduate students	Boston University School of Medicine Twelve-hour lectures per year

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

2006-2007	Journal Club Dermatology residents	Yonsei University College of Medicine Twelve-hour lecture per year
2006-2007	Dermatopathology Slide Review Dermatology residents	Yonsei University College of Medicine Twelve-hour sessions per month
2014-2016	Dermatology Slide Reviews International graduate students	Boston University School of Medicine Twelve-hour lectures per year
2014-2018	Dermatology Board Review Course Dermatology residents	Boston University School of Medicine Eight-hour lectures per year
2014-2018	Dermatopathology Board Review Course Dermatology residents	Boston University School of Medicine Twelve-hour lectures per year
2015-2020	Dermatology Lectures Dermatology residents	Boston University School of Medicine Two-hour lectures per year
2016-2020	Dermatopathology Lectures Dermatology residents	Boston University School of Medicine Seventeen-hour lectures per year
2016-2020	Hands-on Laser Sessions Dermatology residents	Boston University School of Medicine Six-hour sessions per year
2018-2020	The Principle of Lasers: Practical Tips International graduate students	Boston University School of Medicine Six-hour sessions per year
2020	Understanding the lasers and devices based on the histologic findings Dermatology residents	Harvard Combined Dermatology Residency Training Program One-hour session per year
2020-2021	Asian Skin Diseases Dermatology residents	Harvard Combined Dermatology Residency Training Program One-hour session per year

Clinical Supervisory and Training Responsibilities:

2016-2020	Dermatology Outpatient Clinic Preceptor Dermatology fellows, residents, international trainees and medical students	Boston Medical Center Twelve hours per week
2016-2020	Inpatient Consult Service Preceptor Dermatology residents and medical students	Boston Medical Center Thirteen hours per month
2016-2017	Dermatology Outpatient Clinic Preceptor Dermatology residents and international trainees	Granite Medical-Atrius Health Center Eight hours per week
2017-2020	Dermatology Outpatient Clinic Preceptor Dermatology fellows and residents	South Shore Medical Center Eight hours per week
2016-2020	Dermatopathology Service Preceptor Dermatopathology fellows	Skin Pathology Laboratory, Boston University School of Medicine Forty hours per month
2020-	Dermatology Outpatient Clinic Preceptor Dermatology residents	Beth Israel Deaconess Medical Center Twelve hours per week
2020-	Beth Israel Deaconess Medical Center Core faculty member	Harvard Combined Dermatology Residency Training Program Eight hours per week
2020-	Inpatient Consult Service Preceptor Dermatology residents	Beth Israel Deaconess Medical Center Forty hours per year

Research Supervisory and Training Responsibilities:

2016-2020	Supervision of Research Dermatopathology 1-2 fellows	Boston University School of Medicine One-hour meeting per month
2016-2020	Supervision of Research Dermatology residents	Boston University School of Medicine One-hour meeting per month
2018-2019	Supervision of Research Cosmetic and procedural fellow	Boston University School of Medicine 1:1 supervision one-hour meeting per week
2020-	Supervision of Research Dermatology residents	Harvard Medical School One-hour meeting per month
2021-	Supervision of Research Master student	Harvard Medical School 1:1 supervision one-hour meeting per week

Formally Mentored Medical and Graduate Students:

- 2016-2017 Jonathan Ho, MBBS, DSc / Lecturer and Consultant Dermatologist and Dermatopathologist at University Hospital of the West Indies, Mona Heights, Jamaica
Career stage: graduate student. Mentoring role: thesis committee. Accomplishments: 3 papers.
- 2016-2017 Shatha Alhajjaj, MD / Dermatologist, Dubai, the United Arab Emirates
Career stage: graduate student. Mentoring role: research mentor. Accomplishments: 1 first-authored paper.
- 2018- Manuel Gonzalez / Emergency Medicine Resident, Oregon Health and Science University
Career stage: medical student. Mentoring role: research and career mentor. Accomplishments: 1 abstract accepted for a meeting, 1 first authored paper, 2 papers.
- 2019 Grace Shin / Boston University School of Medicine, Class of 2022
Career stage: medical student. Mentoring role: research mentor. Accomplishments: 1 paper
- 2019- Aanchal Bahl / Internal Medicine Intern, Florida State University
Career stage: graduate student. Mentoring role: research and career mentor. Accomplishments: 1 first-authored paper.
- 2021- Yu-Feng Chang / Master of Medical Science in Clinical Investigation, Harvard Medical School
Career stage: graduate student. Mentoring role: research and career mentor. Accomplishments: 1 abstract accepted for a meeting, 1 first authored paper, 2 studies.
- 2022- Kelli Jablon / Renaissance School of Medicine at Stony Brook University, Stony Brook, NY, USA, class of 2026
Career stage: medical student. Mentoring role: research and career mentor. Accomplishments: 3 papers in preparation.
- 2022- Juna Khang / Harvard Medical School, Boston, MA, USA, class of 2026
Career stage: medical student. Mentoring role: research mentor. Accomplishments: 1 study.
- 2023- Li-Chi Chen / Harvard Medical School, Boston, MA, USA, class of 2023
Career stage: master student. Mentoring role: research mentor. Accomplishments: 2 studies.

Mentored Trainees and Faculty:

- 2016-2018 Yunyoung Chang, MD / Dermatologist, Union Square Laser Dermatology
Career stage: dermatology resident. Mentoring role: research and career mentor.
Accomplishment: 1 first-authored paper, 1 paper.
- 2016-2018 Mary Berret, MD / Dermatopathologist, Rochester General Hospital
Career stage: dermatopathology fellow. Mentoring role: research and career mentor.
Accomplishment: 1 textbook chapter.
- 2017-2019 Erin Tababa, MD / Consultant for Dermatology and Dermatopathology, Helathserv Los Banos Medical Center, Los Banos, Philippines
Career stage: international dermatopathology fellow. Mentoring role: research mentor.
Accomplishment: 2 abstracts, 1 first-authored paper.

- 2018- Sara Al Janahi, MD / Dermatology Resident, Sheikh Khalifa Medical City Hospital, Abu Dhabi, United Arab Emirates.
Career stage: cosmetic and procedural fellow. Mentoring role: research and career mentor. Accomplishments: 2 first-authored papers, 3 papers.
- 2018- Maya Farah, MD / Assistant Professor at Dermatology
Career stage: international dermatopathology fellow. Mentoring role: research and career mentor. Accomplishments: 1 abstract, 2 first-authored papers.
- 2018-2020 Candice Brem, MD / Assistant Professor at Dermatopathology
Career stage: Dermatopathology Fellow. Mentoring role: research and career mentor. Accomplishments: 1 abstract.
- 2018- Judy Cheng, MD, MPH / Attending Physician at Northwestern Medicine
Career stage: dermatology resident. Mentoring role: research mentor. Accomplishments: 2 abstracts, 3 papers (2 first-authored). Received a Rising Dermatology Stars Competition Award at the 2019 Winter Clinical Dermatology conference.
- 2018-2020 Janice Tiao, MD / Instructor at Harvard Medical School
Career stage: dermatology resident. Mentoring role: research mentor. Accomplishments: 2 first-authored papers.
- 2019-2021 Kelly O'Connor, MD / Dermatologist
Career stage: dermatology resident. Mentoring role: research and career mentor. Accomplishments: 1 abstract, 1 first-authored paper.
- 2021- Xiang Stella Chen, MD / Dermatology Resident
Career stage: dermatology resident. Mentoring role: research mentor. Accomplishments: 1 first-authored paper.
- 2021- Jessica Cervantes, MD / Dermatology Resident
Career stage: dermatology resident. Mentoring role: research mentor. Accomplishments: 1 abstract, 2 first-authored papers.
- 2022- Oyetewa Oyerinde, MD / Dermatology Resident, class of 2022, Assistant Professor at Baylor College of Medicine
Career stage: dermatology resident. Mentoring role: research mentor. Accomplishments: 1 paper

Local Invited Presentations:

No presentations below were sponsored by 3rd parties/outside entities.

- 2006 Calcinosis Cutis / Medicine Grand Rounds
Department of Medicine, Yonsei University College of Medicine, Korea
- 2018 Treatments on Acne Scarring / Grand Rounds
Department of Dermatology, Boston University School of Medicine
- 2019 Acne and Acne Scar Treatment – an Evidence-Based Perspective / Grand Rounds

- Department of Dermatology, Boston University School of Medicine
- 2020-2021 Dermatologic Diseases and Treatments Unique to Asian Skin / Resident Lecture
Department of Dermatology, Harvard Medical School
- 2020-2023 Understanding Lasers and Devices Based on the Histologic Findings / Resident Lecture
Department of Dermatology, Harvard Medical School
- 2021 Board Review for Dermatopathology / Resident Lecture
Department of Dermatology, Harvard Medical School

Report of Regional, National and International Invited Teaching and Presentations

No presentations below were sponsored by 3rd parties/outside entities.

Regional

- 2018 Dermatologic Concerns, Diseases, and Treatments Unique to Asian Skin / Invited Lecture
New England Dermatologic Society Meeting
Boston, MA
- 2019 Dermatologic Diseases Common in Asian Skin / Invited Lecture
Department of Family Medicine, Dorchester House Health
Dorchester, MA
- 2019 Asian Skin Diseases / Invited Lecture
Department of Dermatology, Tufts Medical Center
Boston, MA
- 2019 Understanding Histologic Findings of Skin after Lasers / Invited Lecture
Department of Dermatology, Tufts Medical Center
Boston, MA
- 2020 CROSS Method – Understanding the Basics and Practical Tips / Invited Lecture
Department of Dermatology, Tufts Medical Center
Boston, MA
- 2022 Dermatology for Non-dermatologists
Department of Medicine, Berkshire Medical Center
Pittsfield, MA

National

- 2006 Survival Guide to Dermatology Residency / Invited Lecture
Korean Dermatological Association Meeting

- Yangpyung, Korea
- 2006 Structure of Normal Skin / Invited Lecture
The Korean Wound, Ostomy, and Continence Nurses Society Annual Meeting
Seoul, Korea
- 2017-2019 Self-Assessment / Invited Lecture
Dermatopathology 201
Philadelphia, PA
- 2018-2019 You May Not Have Seen It, But It Has Seen You: Commonly Missed Diagnoses in
Dermatology / Invited Lecture
American Academy of Dermatology Meeting
San Diego, CA
- 2018 Updates on Melanoma Research / Invited Lecture
American Academy of Dermatology Meeting
San Diego, CA
- 2018 Anatomic Basis of Common Alopecias / Invited Lecture
Department of Dermatology, Thomas Jefferson University
Philadelphia, PA
- 2019 Asian Skin Diseases and CROSS Technique / Invited Lecture
Department of Dermatology, Thomas Jefferson University
Philadelphia, PA
- 2020 You May Not Have Seen It, But It Has Seen You: Commonly Missed Diagnoses in
Dermatology / Invited Lecture
American Academy of Dermatology Meeting
Denver, CO
*This presentation was scheduled, but then postponed until 2021 because of a Covid-19
travel/meeting ban.*
- 2020 Asian Skin: What Do We Need to Know? How Do We Treat It?
American Academy of Dermatology Innovation Meeting
Seattle, WA
This presentation was scheduled, but then cancelled because of a Covid-19 travel/meeting ban.
- 2020 Common Diseases in Asian Skin
Skin of Color Update 2020
New York, NY

This presentation was scheduled, but then postponed until 2021 because of a Covid-19 travel/meeting ban.

- 2020 Understanding Lasers and Devices Based on the Histologic Findings/ Invited Lecture
Department of Dermatology, Thomas Jefferson University
Philadelphia, PA
- 2021 Practical Considerations in Asian Skin / Invited Lecture
American Academy of Dermatology VMX meeting
- 2021 Skin Conditions in Asian Patients that You Do Not Want to Miss / Director
American Academy of Dermatology VMX meeting
- 2022 You May Not Have Seen It, But It Has Seen You: Commonly Missed or Misdiagnosed
Diseases in Skin of Color / Invited Lecture
American Academy of Dermatology Meeting
Boston, MA
- 2022 Managing Unique Conditions in Asian Skin / Director
American Academy of Dermatology Meeting
Boston, MA
- 2022 Managing Unique Conditions in Skin of Color patients/ Invited Lecture
American Academy of Dermatology Summer Meeting
Vancouver, BC, Canada
- 2023 Managing Unique Conditions in Asian Skin / Director
American Academy of Dermatology Meeting
New Orleans, LA
- 2023 DEI in CME: Thoughts and Considerations / Invited Lecture
American Academy of Dermatology Meeting
New Orleans, LA

International

- 2014 What I Have Learned / Invited Lecture
Department of Dermatology, Yonsei University College of Medicine
Seoul, Korea
- 2019 My Approach to Hair Disorders / Invited Lecture
London Dermatopathology Symposium
London, UK
- 2019 Self-Assessment / Invited Lecture

- London Dermatopathology Symposium
London, UK
- 2019 My Approach to Hair Disorders / Invited Lecture
Korean Dermatologic Society Meeting
Seoul, Korea
- 2019 Immunohistochemical Staining in Dermatopathology / Invited Lecture
Department of Dermatology, Ajou University School of Medicine
Suwon, Korea
- 2019 CROSS Method – Understanding the Basics and Practical Tips / Invited Lecture
The Dermatologic & Aesthetic Surgery International League Annual Congress
Goa, India
- 2019 Laser and Energy-Based Devices: What Happens to the Skin with Treatment? / Invited Lecture
The Dermatologic & Aesthetic Surgery International League Annual Congress
Goa, India
- 2020 Laser and Energy-Based Devices in Fibrotic Diseases / Invited Lecture
The 4th International Keloid Symposium
Philadelphia, PA, USA
This presentation was scheduled, but then cancelled because of a Covid-19 travel/meeting ban.
- 2020 CROSS Method – Understanding the Basics and Practical Tips / Invited Lecture
The Dermatologic & Aesthetic Surgery International League Annual Congress
Virtual Meeting due to Covid-19
- 2021 Dermatologic Concerns, Diseases and Treatments Unique to Asian Patients (Case-Based) /
Invited Lecture
Skin of Color Update 2021
Virtual Meeting due to Covid-19
- 2021 Overview of Pathophysiology of Enlarged Facial Pore / Invited Lecture
Korea Derma 2021 Annual Meeting
Virtual Meeting due to Covid-19
- 2021 CROSS Method – Understanding the Basics and Practical Tips / Invited Lecture
The Dermatologic & Aesthetic Surgery International League Annual Congress
Postponed due to COVID-19
- 2022 The Non-Physician Practices in Cosmetic Dermatology / Invited Lecture
Controversies and Conversations Symposium 2022
Santa Barbara, CA, USA

- 2022 Dermatologic Concerns Unique to Asian Patients / Invited Lecture
Skin of Color Update 2022
NYC, NY, USA
- 2022 Understanding Lasers/Devices-Tissue Interaction Based on the Histologic Findings / Invited Lecture
The 19th Symposium of the Cutaneous Biology Research Institute
Seoul, Korea
- 2022 CROSS Method – Understanding the Basics and Practical Tips / Invited Lecture
The Dermatologic & Aesthetic Surgery International League Annual Congress
Mexico city, Mexico
- 2023 From Microscope to Cosmetic Dermatology: Translating Histologic Evidence to Practice
Seoul Regional Dermatology Meeting
Seoul, Korea
Seoul, Korea

Report of Clinical Activities and Innovations

Current Licensure and Certification:

- 2001- Korean Medical License
- 2006- Board Certification in Dermatology
- 2009- Educational Commission for Foreign Medical Graduates
- 2014- Massachusetts Medical License (Full License)
- 2014- American Board of Dermatology
- 2016- American Board of Dermatopathology
- 2018-2020 Maryland Medical License (Full License)

Practice Activities:

- | | | | |
|-----------|--------------------------------|--|---|
| 2016-2020 | Ambulatory Care | Boston Medical Center, Boston, MA | Nine half-day sessions per month (36 hours/month) |
| 2016-2020 | Inpatient Consultation Service | Boston Medical Center, Boston, MA | Thirteen hours per month |
| 2016-2020 | Dermatopathology Service | Boston Medical Center, Boston, MA | Five full-day sessions per month (40 hours/month) |
| 2016-2017 | Ambulatory Care | Granite Medical-Atrius Health Center, Quincy, MA | Six half-day sessions per month (24 hours/month) |

2017-2020	Ambulatory Care	South Shore Medical Center, Norwell, MA	Six half-day sessions per month (24 hours/month)
2020-	Ambulatory Care	Beth Israel Deaconess Medical Center, Boston, MA	Two half-day session per week (8 hours/week)
2020-2022	Ambulatory Care	Dermatology and Laser Center, Chestnut Hill, MA	Three half-day sessions per week (12 hours/week)
2020-2022	Ambulatory Care	Beth Israel Deaconess Medical Center, Needham, MA	Two half-day sessions per week (8 hours/week)
2022-	Ambulatory Care	Dermatology and Laser Center, Chestnut Hill, MA	Five half-day sessions per week (20 hours/week)

Clinical Innovations:

Clinical research program in scars (2016-)

Due to my unique training background in dermatology, dermatopathology, cosmetic procedures, and basic science, I was able to conduct novel studies to evaluate therapeutic effects of various modalities in the management of scars.

- I was one of the main investigators developing a novel approach for keloid treatment by employing monoclonal antibodies binding a telopeptide of collagen to inhibit collagen fibril formation. I published a first-authored original research article in *Journal of Biological Chemistry*, a leading journal in connective tissue research. This paper was selected as a “Must Read” by the Faculty of 1000 and cited 63 times. This work has provided a key foundation for subsequent work to prevent fibrotic diseases in skin, lung and joints.
- My recent research has focused on laser or device-related approaches to treat scars. I have performed a series of histologic studies evaluating tissue reactions by a picosecond laser with microlens array, a newest laser modality to treat atrophic scars, in human and porcine skin. I published research articles in *Lasers in Medical Science* and *Scientific Reports* and received the *Best of Session Award in the Early Career Scientific Category* by the American Society for Laser Medicine and Surgery. I anticipate that my research findings will serve as a basis for developing new treatment guidelines for a picosecond laser for atrophic scars.
- I conducted the first study in the field to histologically demonstrate that topical medication should be applied prior to treatment with microneedling to achieve deeper penetration in the skin. These findings were recently accepted for publication in *Dermatologic Surgery*, a leading cosmetic and procedural dermatology journal. These results have great potential to influence treatment protocols of a drug delivery system for scars.

I also have a strong proven track record of successfully executing collaborative research projects with a leading laser company, Lutronic Inc. including thulium and picosecond lasers for scar treatments. At BIDMC, I plan to continue successful collaboration with industries to conduct clinical studies in the management of scars.

Developed a novel therapeutic approach for atrophic scars (2016-2020)

A combination therapy of chemical reconstruction of skin scars method and fractional lasers for atrophic scars reduces treatment sessions and is safe and effective. My success in treating atrophic scars with this combination approach has led to local and regional referrals of scar patients for this procedure. I have given four lectures on this technique regionally, nationally, and internationally. Recently, my retrospective study evaluating the treatment efficacy and safety of this technique has been accepted in *Journal of Cosmetic Dermatology*.

Asian skin clinic center and training program (2017-)

I founded and directed the Asian Skin Care Center at Boston Medical Center in 2017 that served the increasing Asian population in the Greater Boston area. This clinic has provided special care dedicated to common or unique skin concerns in Asian-Americans. Given my unique background of dermatology training in both the United States and Korea, my clinic became increasingly recognized with increasing referrals both regionally and nationally. I gave lectures on Asian skin diseases at several regional hospitals. I was a keynote speaker at the New England Dermatologic Society meeting in 2018. This year, I was also invited to the American Academy of Dermatology summer meeting as well as the Skin of Color Update meeting held by the Skin of Color Society. In the lay community, I was featured by the *Boston Korea News* as the local expert in Asian skin. I have also published several articles regarding management of unique skin concerns in the Asian population in *Dermatologic Surgery* and *Journal of Cosmetic Dermatology*.

I have established Asian Skin Services Center at BIDMC as the leading institution in the country in innovation and care of ethnic skin. Additionally, I will also establish tele-dermatology services and monthly outpatient clinic at South Cove Community Hospital, a health organization providing primary care to the Asian communities in the Greater Boston area. Moreover, I will develop short training educational courses at BIDMC for US dermatologists about unique skin characteristics and conditions in the Asian skin.

Report of Teaching and Education Innovations

Creation of dermatology and dermatopathology board review lecture series for residents (2014-2018)

I created and delivered a dermatology and dermatopathology board review course for dermatology residents at Boston University School of Medicine. Based on overwhelmingly positive response, I was awarded both the Outstanding Role Model and Teach of the Year awards.

Creation of a hands-on laser/device session for the international dermatology trainees (2018-2020)

By the request from the international dermatology trainees, I developed and implemented a hands-on laser/device session titled, "The Principle of Lasers: Practical Tips," for their Master's program curriculum. This session provided trainees basic knowledge and practical tips about various lasers and devices in dermatology. The content and ensuing discussion encouraged participation in further laser research, as well as, the pursuit of procedural and cosmetic fellowship after completion of their Master's program.

Report of Education of Patients and Service to the Community:

No presentations below were sponsored by outside entities.

2015	Boston Medical Center	Skin Cancer Screening Day	
2018	About Asian Skin Diseases	Interviews with Journalists	Boston Korea Newspaper
2019	How to Know if You Have Fungal Acne and How to Treat It	Interviews with Journalists	Self Magazine
2019	Aging Ethnic Skin — The 411 and Helpful Care Tips	Interviews with Journalists	Exhale Lifestyle Magazine
2021	Shedding your skin	Interviews with Journalists	Harvard Women’s Health Watch

Report of Scholarship

ORCID ID: 0000-0003-0204-4085

** indicates co-first authorship.*

*** indicates author(s) mentored by me.*

Peer-Reviewed Publications in Print or Other Media:

Research Investigations

1. **Chung HJ**, Goo BC, Lee JH, Bang D, Lee KH, Lee ES, Lee S. Behcet’s disease combined with various types of fistula. *Yonsei Med J.* 2005 Oct;46(5):625-8.
2. Goo BC, **Chung HJ**, Chung WG, Chung KY. Intramuscular immunoglobulin for recalcitrant suppurative diseases of the skin: a retrospective review of 63 cases. *Br J Dermatol.* 2007 Sep;157(3):563-8.
3. Inui H, Oh KS, Nadem C, Ueda T, Khan SG, Metin A, Gozukara E, Emmert S, Slor H, Busch DB, Baker CC, DiGiovanna JJ, Tamura D, Seitz CS, Gratchev A, Wu WH, Chung KY, **Chung HJ**, Azizi E, Woodgate R, Schneider TD, Kraemer KH. Xeroderma pigmentosum-variant patients from America, Europe, and Asia. *J Invest Dermatol.* 2008 Aug;128(8):2055-68.
4. **Chung HJ**, Steplewski A, Chung KY, Uitto J, Fertala A. Collagen fibril formation; a new target to limit fibrosis. *J Biol Chem.* 2008 Sep;283(38):25879-86.
 - a) Selected as “Must Read” by The Faculty of 1000
5. Roh MR*, **Chung HJ***, Chung KY. Effects of various parameters of the 1064 nm Nd:YAG laser for the treatment of enlarged facial pores. *J Dermatol Treatment.* 2009;20(4):223-8.
6. Kim DH*, **Chung HJ***, Bleys J, Ghohestani RF. Is paromomycin an effective and safe treatment against cutaneous leishmaniasis? A meta-analysis of 14 randomized controlled trials. *PLoS Negl Trop Dis.* 2009;3(2):e381.
7. **Chung HJ**, Steplewski A, Uitto J, Fertala A. Fluorescent protein markers to tag collagenous proteins: the paradigm of procollagen VII. *Biochem Biophys Res Commun.* 2009 Dec;390(3):662-6.

8. **Chung HJ**, Jensen DA, Gawron K, Steplewski A, Fertala A. R992C (p.R1192C) substitution in collagen II alters the structure of mutant molecules and induces the unfolded protein response. *J Mol Biol.* 2009 Jul;390(2):306-18.
9. Jung J, Cho S, **Chung H**, Shin JU, Lee K, Chung K. Treatment of periorbital wrinkles with 1550- and 1565-nm Er:glass fractional photothermolysis lasers: a simultaneous split-face trial. *J Eur Acad Dermatol Venereol.* 2011 Jul;25(7):811-8.
10. Roh M, Goo B, Jung J, **Chung H**, Chung K. Treatment of enlarged pores with the quasi long-pulsed versus Q-switched 1064 nm Nd:YAG laser: a split-face, comparative, controlled study. *Laser Ther.* 2011;20(3):175-80.
11. **Chung H**, Goo B, Lee H, Roh M, Chung K. Enlarged pores treated with a combination of Q-switched and micropulsed 1064 nm Nd:YAG laser with and without topical carbon suspension: a simultaneous split-face trial. *Laser Ther.* 2011;20(3):181-8.
12. **Chung HJ**, McGuigan KL, Osley KL, Zendell K, Lee JB. Pigmented solar (actinic) keratosis: an under recognized collision lesion. *J Am Acad Dermatol.* 2013 Apr;68(4):647-53.
13. Eytan O1, Qiaoli L, Nous beck J, van Stengel MA, Burger B, Howl D, Taube A, Prey S, Bachmann D, Avitan-Hersh E, **Jin Chung H**, Shemer A, Trau H, Bergman R, Fuchs-Telem D, Warshauer E, Israeli S, Itin PH, Sarig O, Uitto J, Sprecher E. Increased epidermal expression and absence of mutations in CARD14 in a series of patients with sporadic pityriasis rubra pilaris. *Br J Dermatol.* 2014 May;170(5):1196-8.
14. **Chung HJ**, Yang S, Succaria F, Bhawan J. TERT promoter mutations are infrequent in Merkel cell carcinomas. *J Am Acad Dermatol.* 2015 Nov;73(5):864-5.
15. Li Q, **Jin Chung H**, Ross N, Keller M, Andrews J, Kingman J, Sarig O, Fuchs-Telem D, Sprecher E, Uitto J. Analysis of CARD14 polymorphisms in pityriasis rubra pilaris: activation of NF- κ B. *J Invest Dermatol.* 2015 Jul;135(7):1905-8.
16. Ross N, **Chung HJ**, Li Q, Keller MS, Uitto J. Pityriasis rubra pilaris: A cohort study of 100 patients Epidemiologic, clinicopathologic, diagnostic and management challenges from patient and provider perspectives. *JAMA Dermatol.* 2016 Jun 1;152(6):670-5.
17. **Chung HJ**, Goldberg LJ. Histologic features of chronic cutaneous lupus erythematosus of the scalp on horizontal sections: emphasis on follicular findings. *J Am Acad Dermatol.* 2017 Aug;77(2):349-55.
18. Eisenstein A, Panova IP, **Chung HJ**, Goldberg LJ, Zhang Q, Lazova R, Bhawan J, Busam KJ, Symanowski JT, Alani RM, Ryu B. Quantitative assessment of neuropilin-2 as a simple and sensitive diagnostic assay for spitzoid melanocytic lesions". *Melanoma Res.* 2018 Feb;28(1):71-5.
19. Kalin JH, Wu M, Gomez AV, Song Y, Das J, Hayward D, Adejola N, Wu M, Panova I, **Chung HJ**, Kim E, Roberts HJ, Roberts JM, Prusevich P, Jeliaskov JR, Roy Burman SS, Fairall L, Milano C, Eroglu A, Proby CM, Dinkova-Kostova AT, Hancock WW, Gray JJ, Bradner JE, Valente S, Mai A, Anders NM, Rudek MA, Hu Y, Ryu B, Schwabe JWR, Mattevi A, Alani RM, Cole PA. Targeting the CoREST complex with dual histone deacetylase and demethylase inhibitors. *Nat Commun.* 2018 Jan;9(1):53.
20. Ho JD**, **Chung HJ**, Barron M, Ho DA, Sahni D, Browning JL, Bhawan J. The roles and relationships of CD90, CD34 and SMA expressing fibroblasts in cutaneous reparative and pathologic scarring. *Am J Dermatopathol.* 2019 Jan;41(1):16-28.

21. Hann S, **Chung HJ**, Weiss R. Histologic effects of fractional laser and radiofrequency devices on hyaluronic acid filler. *Dermatol Surg*. 2019 Apr;45(4):552-6.
22. **Chung HJ**, Lee HC, Park J, Childs J, Hong J, Kim H, Cho SB. Pattern analysis of 532- and 1064-nm microlens array-type, picosecond-domain laser-induced tissue reactions in ex vivo human skin. *Lasers Med Sci*. 2019 Aug;34(6):1207-15.
23. Lee HC, Childs J, **Chung HJ**, Park J, Hong J, Bin Cho S. Pattern analysis of 532- and 1,064-nm picosecond-domain laser-induced immediate tissue reactions in ex vivo pigmented micropig skin. *Sci Rep*. 2019 Mar;9(1):4186.
24. Friedland MH, Mann EA, Frankel DN, **Chung HJ**, McGee JS. Topical application of MS-275 decreases the imiquimod-induced hyperproliferative epidermis and IL-23 expression in the upper dermis of BALB/c mouse. *Ann Dermatol*. 2021 Apr;33(2):190-192.
25. Friedland MH, Flanagan KE, **Chung HJ**, McGee JS. Characterizing imiquimod-induced psoriasis-like dermatitis in BALB/c mouse: application in dermatology research. *J Dermatol and Clin Res*. 2020 Jan. Online ahead of print.
26. **Chung HJ***, Cheng J**/*; Gonzalez M**, Al-Janahi S**. Factors affecting depth of penetration in microneedling- and laser-assisted drug delivery: the importance of timing of topical application. *Dermatol Surg*. 2020 Dec;46(12):e146-e153.
27. Tababa E**, Gonzalez M**, **Chung HJ**. Eccrine duct dilatation in neutrophilic scarring alopecias. *J Cutan Pathol*. 2020 Jan;47(1):31-35.
28. Bahl A**, O'Connor K**, **Chung HJ**. Treatment of atrophic acne scars with combination therapy of chemical reconstruction of skin scars method and fractionated non-ablative laser: a retrospective analysis. *J Cosmet Dermatol*. 2020 Oct;19(10):2591-2595.
29. Lee H, **Chung HJ**, Pawar A, Paterno E, Kim DH. The risk of bullous pemphigoid after initiating dipeptidyl peptidase 4-inhibitor versus 2nd generation sulfonylurea: a multi-database cohort study. *JAMA Dermatol*. 2020 Oct;156(10):1107-1114.
 - Risk of Bullous Pemphigoid with DPP-4 Inhibitors vs. Sulfonylureas. *Physician Weekly* Sep 4 2020.
30. O'Connor K**, Cho SB, **Chung HJ**. Wound healing profile after 1064- and 532-nm picosecond lasers with microlens array of in vivo human skin. *Lasers Surg Med*. 2021 Oct;53(8):1059-1064.
31. Yi J, Pagani K, Lukac D, Li S, **Chung HJ**, McGee J. Racial differences in psychiatric comorbidities of rosacea: a large, urban academic center case-control study. *J Am Acad Dermatol*. 2022 Aug;87(2):448-451.
32. Farah M**, **Chung HJ**. Diagnostic utility of PRAME immunohistochemistry in the evaluation of melanomas with a co-existent nevoid melanocytic population: a single center retrospective study. *J Am Acad Dermatol*. 2021 Oct 28:S0190-9622(21)02714-6.
33. Gonzalez M**, Higham C, Al Janahi S**, McGee S, **Chung HJ**. Laboratory monitoring in isotretinoin therapy for acne: How long and how often should we test our patients? *SKINmed*. 2022 accepted.
34. Cervantes J**, Patzelt N, Al-Janahi S**, Kim DH, **Chung HJ**. Efficacy and safety of laser toning in melasma: a meta-analysis and systematic review. *Dermatol Surg*. 2023 Jan 1;49(1):36-41.
35. Chang YF**, Lee TL, Oyerinde O**, Desai SR, Aljabban A, Bay CP, Bain PA, **Chung HJ**. Efficacy and safety of topical agents in the treatment of melasma: What's evidence? A systematic review and meta-analysis. *J Cosmet Dermatol*. 2023 Apr;22(4):1168-1176.

36. **Chung HJ**, Jablon K, Dawkins O, Richardson M, Ho J. The frequency of reporting race, ethnicity and skin-phototypes in dermatology case reports. *JAAD Int.* 2023 Apr 21;12:39-41.
37. Mayur O, Martinez R, Yi JZ, **Chung HJ**, McGee J. A pilot study profiling the gut microbiome in acne patients of different racial backgrounds: Experimental considerations and pitfalls. *Exp Dermatol.* 2023 May 14. doi: 10.1111/exd.14833. Online ahead of print.
38. Cervantes J, Chang YF, Dover JS, Alvarez AH, **Chung HJ**. Laser and device-assisted filler delivery: a histologic evaluation. *Dermatol Surg.* Accepted 2023

Research Investigations in a language other than English (in Korean)

1. Lee JH, **Chung HJ**, Lee KH. A clinical and mycological study on dermatophytoses in children. *Korean J Med Mycol.* 2002;7:209-16.
2. **Chung HJ**, Chung KY. Clinical and histopathological analysis of infantile hemangiomas. *Korean J Dermatol.* 2004;42:1263-70.
3. Hua L, Goo BC, **Chung HJ**, Ha MK, Kang MR, Chung IK, Chung KY. Influence of telomerase expression on cell cycle proteins, type I collagen and interstitial collagenase in human dermal fibroblasts. *Korean J Invest Dermatol.* 2006;13:83-90.

Other Peer-Reviewed Publications

1. **Chung HJ**, Chung KY. Nephrogenic fibrosing dermopathy: response to high-dose intravenous immunoglobulin. *Br J Dermatol.* 2004 Mar;150(3):596-7.
2. Roh MR, **Chung HJ**, Lee JH. A case of acute hemorrhagic edema of infancy. *Yonsei Med J.* 2004 Jun;45(3):523-6.
3. Roh MR, **Chung HJ**, Cho YH, Chung KY. Hypertrichosis lanuginosa acquisita associated with autoimmune hepatitis. *J Dermatol.* 2006 Aug;33(8):574-6
4. Jung JY, Goo B, Choi YJ, **Chung HJ**, Chung KY. A case of granuloma pyogenicum presenting as an intravascular mass: evaluation by ultrasonography. *J Eur Acad Dermatol Venereol.* 2008 Apr;22(4):515-7.
5. **Chung HJ**, Kim DH, Lee KY, Chung KY. Painful red plaques at the injection sites. *Am J Clin Dermatol.* 2009;10(3):201-3.
6. Jung JY, Rho MR, **Chung HJ**, Chung KY. Malignant melanoma evaluated with 18F-FDG PET-CT and sentinel lymph node biopsy. *J Eur Acad Dermatol Venereol.* 2008 Jan;22(1):126-7.
7. **Chung HJ**, Cam K, Schwartz L. Firm papules on the auricular helix. *JAMA Dermatol.* 2013 Apr;149(4):475-80.
8. **Chung HJ**, Mahalingam M. Angiogenesis, vasculogenic mimicry and vascular invasion in cutaneous malignant melanoma – implications for therapeutic strategies and targeted therapies. *Expert Rev Anticancer Ther.* 2014 May;14(5):621-39.
9. **Chung HJ**, Marley-Kemp D, Keller M. Rupioid psoriasis and other skin diseases with rupioid manifestations. *Cutis.* 2014 Sep;94(3):119-21.

10. **Chung HJ**, Simkin AD, Bhawan J, Wolpowitz D. “Melanocytic nests arising in lichenoid inflammation.” Re-appraisal of the terminology “melanocytic pseudonests”. *Am J Dermatopathol*. 2015 Dec;37(12):940-3.
11. **Chung HJ**, Goldberg LJ. A verrucous plaque on the wrist. *ASDP online case series*, June 2015
12. **Chung HJ**, Wolpowitz D, Scott G, Gilmore E, Bhawan J. Squamous cell carcinoma with osteoclast-like giant cells: a morphologically heterogeneous group including carcinosarcoma and squamous cell carcinoma with stromal changes. *J Cutan Pathol*. 2016 Feb;43(2):148-57.
13. **Chung HJ**, Kafle SU, Lam C, Mahalingam M. An annular plaque on the inner thigh. *Am J Dermatopathol*. 2017 Jul;39(7):e85.
14. McDermott E, **Chung HJ**, Keller M. A case of lichenoid drug eruption to Imatinib mesylate and review of cases in the literature. *Cutis*. 2017 Mar;99(3):189-92.
15. McGee JS, Lee H, **Chung HJ**. Facial scars after a road accident – combined treatment with pulsed dye laser and picosecond Nd:YAG laser. *Medical Lasers*. 2017;6:107-9.
16. Chang YC**, Lee SJ, **Chung HJ**. Treatment of post-pulsed dye laser purpura with pulsed dye laser. *J Cosmet Laser Ther*. 2018 Feb;20(1):21-3.
17. Walter S**, Goldberg LJ, **Chung HJ**. Pustular eruption after cocaine use: challenge. *Am J Dermatopathol*. 2018 Nov;40(11):e143.
18. Ahmad A, **Chung HJ**, Bhawan J. Primary cutaneous spindle cell squamous carcinoma expressing smooth muscle actin: diagnostic pitfalls. *Am J Dermatopathol*. 2018 Jun;40(6):449-51.
19. McGee JS, Chung WS, Lee H, **Chung HJ**. Hair wax for preservation of eyebrows during laser tattoo removal. *J Am Acad Dermatol*. 2018 Mar 17. Pii: S0190-9622(18)30462-6.
20. Alhajjaj S**, Runger T, **Chung HJ**. Skin colored papules on the scrotum. *Cutis*. 2019 Sep;104(3):E23-5.
21. Bartenstein D, **Chung HJ**, Hussain S. Two cases of chronic candidiasis in Keratitis-Ichthyosis-Deafness syndrome. *Am J Dermatopathol*. 2018 Oct;40(10):e138-41.
22. Cheng J**, Ho J**, Barrett M**, **Chung HJ**, Lam C. Linear solar elastosis of the legs: a novel presentation and review of the literature. *J Cutan Pathol*. 2018 Nov;45(11):855-7.
23. Al Janahi S**, Lee SJ, McGee JS, **Chung HJ**. Hypertrophic scar following treatment of ecchymoses with pulsed-dye laser. *Dermatol Surg*. 2020 Jun;46(6):851-3.
24. Al Janahi S**, Lee M, Lam C, **Chung HJ**. Laser-assisted drug delivery in the treatment of keloids: A case of extensive refractory keloids successfully treated with fractional carbon dioxide laser followed by topical application and intralesional injection of steroid suspension. *J Am Acad Dermatol*. *JAAD Case Rep*. 2019 Sep 24;5(10):840-3.
25. Farah M**, **Chung HJ**. Primary cutaneous spindle cell adenolipoma with eccrine and apocrine differentiation. *J Cutan Pathol*. 2020 Jan;47(1):31-5.
26. **Chung HJ**, McGee JS, Lee SJ. Successful treatment of ephelides in Asian skin using the picosecond 785-nm laser. *J Cosmet Dermatol*. 2020 Aug;19(8):1990-2.
27. Mann E, Maruthi R, Friedland MH, **Chung HJ**, McGee JS. Case of post-herpetic, isotopic granuloma annulare (GA), followed by generalized GA. *J Dermatol*. 2019 Dec;46(12):e476-e7.

28. Suh SB, Ahn KJ, **Chung HJ**, Suh JY, Cho SB. Human fibroblast-derived multi-peptide factors and the use of energy-delivering devices in Asian patients. *Med Laser*. 2020;9(1):12-24.
29. Cheng J**/*, **Chung HJ***, Friedland M, Hsu S. Botulinum toxin injections for leg contouring in east Asians. *Dermatol Surg*. 2020 Oct;46 Suppl 1:S62-S70.
30. Mann E, Bae E, Kostyuchek D, **Chung HJ**, McGee JS. The gut microbiome: human health and inflammatory skin diseases. *Ann Dermatol*. 2020 Aug;32(4):265-272.
31. Tiao J**, McGee J, **Chung HJ**. A case of papillary thyroid cancer metastasis to skin: A solitary nodule next to the scar. *Ann Dermatol*. 2021 Oct;33(5):479-480.
32. **Chung HJ**, Al Janahi S**, Cho SB, Chang YC**. Chemical reconstruction of skin scars (CROSS) method for atrophic scars: a comprehensive review. *J Cosmet Dermatol*. 2021 Jan;20(1):18-27.
33. Tiao J**, Shin G**, Al Janahi S**, Chung KY, Kim DY, Mun JH, Lee JB, **Chung HJ**. Skin diseases in Asians that you do not want to miss: a selection of unique or relatively more common conditions in Asian populations. *Clin Dermatol*. Sep-Oct 2021;39(5):879-886.
34. Chen S**, Cheng J**, Watchmaker J, Dover J, **Chung HJ**. Review of lasers and energy-based devices for skin rejuvenation and scars with histologic correlations. *Dermatol Surg*. 2022 Apr 1;48(4):441-448.
35. Darmawan C, Ohn J, **Chung HJ**, Mun J. Diagnosis and treatment of nail melanoma: A review of the clinicopathologic, dermoscopic, and genetic characteristics. *J Eur Acad Dermatol Venereol*. 2022 May;36(5):651-660.
36. Valiga A, Tababa E**, **Chung HJ**, Cha J. Merkel cell hyperplasia versus intraepidermal Merkel cell carcinoma: a comparative study of two cases. Accepted. *Am J Dermatopathol*. 2023 May 29. doi: 10.1097/DAD.0000000000002457. Online ahead of print.

Other Peer-Reviewed Publications published in a language other than English (in Korean)

1. **Chung HJ**, Lee MG. A case of localized cold urticaria. *Korean J Dermatol*. 2003;41:1571-3.
2. **Chung HJ**, Lee JH, Lee KH. A case of disseminated candidiasis presenting with subcutaneous nodules. *Korean J Med Mycol*. 2003;8:189-93.
3. **Chung HJ**, Roh MR, Lee MG, Chung KY. Two cases of cutaneous Rosai-Dorfman disease. *Korean J Dermatol*. 2004;42:464-8.
4. **Chung HJ**, Jeon SY, Chun SH, Bak HN, Ahn SG. A case of congenital lobulated intradermal nevus. *Korean J Dermatol*. 2004;42:1499-501.
5. **Chung HJ**, Lee HJ, Cho YH, Chung KY. A case of LEOPARD syndrome. *Korean J Dermatol*. 2005;43:949-52.
6. Jung JY, Kim DY, Park CO, **Chung HJ**, Lee MG. A case of median raphe cyst on the scrotum with atypical histologic feature. *Korean J Dermatol*. 2006;44:1109-13.
7. Jung JY, Goo BC, Han EC, **Chung HJ**, Chung KY. A case of idiopathic neutrophilic eccrine hidradenitis. *Korean J Dermatol*. 2007;45:867-9.
8. Kim DS, Lee HJ, Choi YJ, **Chung HJ**, Chung KY. Radiation recall dermatitis induced by methotrexate. *Korean J Dermatol*. 2007;45:742-4.
9. Jung JY, Goo BC, **Chung HJ**, Chung KY. Multiple dermatofibromas in a patient with systemic lupus erythematosus and juvenile rheumatoid arthritis. *Korean J Dermatol*. 2007;45:309-11.

10. Choi YJ, Goo BC, Jung JY, **Chung HJ**, Chung KY. Two cases of dermatofibroma with sclerotic fibroma-like change. *Korean J Dermatol.* 2007;45:581-4.
11. Han EC, Kim DY, Jung JY, **Chung HJ**, Chung KY. A case of precursor B-cell lymphoblastic lymphoma misdiagnosed as rosacea. *Korean J Dermatol.* 2008;46:264-7.
12. Lee KY, Shin JU, Choi YJ, **Chung HJ**, Chung KY. A case of fibrous hamartoma of infancy in an adult. *Korean J Dermatol.* 2008;46:359-61.
13. Lee KY, Ryu DJ, **Chung HJ**, Bang DS. A case of Bart's syndrome. *Korean J Dermatol.* 2009;47:463-7.

Non-Peer Reviewed Scholarship in Print or Other Media:

Reviews, Chapters, Monographs, and Editorials

1. **Chung HJ**, Uitto J. Type VII collagen: the anchoring fibril protein at fault in dystrophic epidermolysis bullosa. *Dermatol Clin.* 2010 Jan;28(1):93-105.
2. **Chung HJ**, Uitto J. Epidermolysis bullosa with pyloric atresia. *Dermatol Clin.* 2010 Jan;28(1):43-54.
3. Barret M**, Vashi N, **Chung HJ**. An approach to dermatopathology: Immunohistochemical and special stains. *The dermatology handbook.* Springer Nature.
4. **Chung HJ**, Bhawan J. Vasculitis and vasculopathies. *Dermatopathology for Residents.* 2019
5. Bhawan J, **Chung HJ**. Vacuolar interface dermatitis. *Dermatopathology for Residents.* 2019

Thesis:

1. **Chung HJ**. Enlarged pores treated with a combination of Q-switched and micropulsed 1064 nm Nd:YAG laser with and without topical carbon suspension: a simultaneous split-face trial, Yonsei University Medical College, Seoul, Korea, 2006

Abstracts, Poster Presentations, and Exhibits Presented at Professional Meetings:

1. **Chung HJ**. Hyaline vascular type Castleman's disease presenting as periorbital discoloration and swelling.
Presented in Dermatopathology Resident Abstract Competition at the American Society of Dermatopathology meeting, Chicago, IL in October 2013
2. Tababa E, **Chung HJ**. Merkel cell hyperplasia arising in association with hypertrophic actinic keratosis.
Presented at the Poster Session at the American Society of Dermatopathology meeting, Chicago, IL in October 2018
3. Brem C, **Chung HJ**. PAS staining patterns as potential differentiators for spongiotic dermatitis and psoriasis: a histopathologic investigation of 138 cases
Presented at the Poster Session at the American Society of Dermatopathology meeting, San Diego, CA in October 2019.

4. **Chung HJ.** Wound healing profile after 532- & 1064-nm microlens array-type, picosecond laser in human skin
Selected by Oral Presentation at American Society for Laser Medicine and Surgery, Phoenix, AZ in 2020.
5. **Chung HJ.** Chemical reconstruction of skin scars (CROSS) method for atrophic scars: A comprehensive review
Selected by Oral Presentation at Scars2021 virtual meeting
6. **Chung HJ.** Cervantes J, Chang YF, Dover J. Importance of the Type of Devices and Fillers in Laser/Device-Assisted Filler Delivery: Histologic Evaluation
Selected by Oral Presentation at American Society for Laser Medicine and Surgery, Phoenix, AZ in 2023.

