

# Young In Lee, MD, PhD

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## A. EDUCATION AND TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of California, Berkeley	B.S.	2009	Molecular and Cell Biology
Yonsei University College of Medicine, Korea	M.S.	2014	Medical Science
Severance Hospital, Yonsei University College of Medicine, Korea	Internship	2015	General Medicine
Severance Hospital, Yonsei University College of Medicine, Korea	Residency	2015-2018	Dermatology
Department of Dermatology Boston University School of Medicine, USA	Residency Exchange Program	2018.6.1-6.30	Dermatopathology Section
Graduate School of Medicine, Yonsei University Seoul, Korea		2016-2020	Academic Advisor: Prof. Juhee Lee, MD, PhD

## B. POSITION

ACTIVITY/OCCUPATION	Year (s)	INSTITUTION	CLINICAL AFFILIATION
Clinical & research Fellowship	2019.3~2021.2	Yonsei University College of Medicine	Department of Dermatology, Severance Hospital Scar Plastic Surgery and Laser Center, Yonsei Cancer Hospital
Clinical professor	2021.3~2022.2	Yonsei University College of Medicine	Department of Dermatology, Severance Hospital Scar Plastic Surgery and Laser Center, Yonsei Cancer Hospital
Assistant Professor	2022.3~present	Yonsei University College of Medicine	Department of Dermatology, Severance Hospital Scar Plastic Surgery and Laser Center, Yonsei Cancer Hospital

## C. PUBLICATION

Lee YI, Shim JE, Kim J, Lee WJ, Kim JW, Nam KH, Lee JH. WNT5A drives interleukin-6-dependent epithelial-mesenchymal transition via the JAK/STAT pathway in keloid pathogenesis. Burns Trauma. 2022 Oct 7.

Lee YI, Ham S, Lee SG, Jung I, Suk J, Yoo J, Choi SY, Lee JH. An Exploratory In Vivo Study on the Effect of Annurca Apple Extract on Hair Growth in Mice. *Curr Issues Mol Biol*. 2022 Dec 9;44(12):6280-6289.

Kim J, Choi S, Choi S, Lee YI, Kim J, Lee JH, Park CO. Contact hypersensitivity and Demodex mite infestation in patients with rosacea: a retrospective cohort analysis. *Eur J Dermatol*. 2022 Nov 1;32(6):716-723.

Lee YI, Lee SG, Jung I, Suk J, Lee MH, Kim DU, Lee JH. Effect of a Topical Collagen Tripeptide on Antiaging and Inhibition of Glycation of the Skin: A Pilot Study. *Int J Mol Sci*. 2022 Jan 20;23(3):1101.

Kim S, Kim J, Lee YI, Jang S, Song SY, Lee WJ, Lee JH. Particulate matter-induced atmospheric skin aging is aggravated by UVA and inhibited by a topical l-ascorbic acid compound. *Photodermatol Photoimmunol Photomed*. 2022 Mar;38(2):123-131.

Kim J, Song SY, Lee SG, Choi S, Lee YI, Choi JY, Lee JH. Treatment of Human Immunodeficiency Virus-Associated Facial Lipoatrophy With Hyaluronic Acid Filler Mixed With Micronized Cross-Linked Acellular Dermal Matrix. *J Korean Med Sci*. 2022 Feb 7;37(5):e37.

Lee YI, Lee SG, Kim J, Choi S, Jung I, Lee JH. Proteoglycan Combined with Hyaluronic Acid and Hydrolyzed Collagen Restores the Skin Barrier in Mild Atopic Dermatitis and Dry, Eczema-Prone Skin: A Pilot Study. *Int J Mol Sci*. 2021 Sep 22;22(19):10189.

Lee YI, Kim E, Lee DW, Kim J, Kim J, Lee WJ, Lee JH. Synergistic Effect of 300  $\mu$ m Needle-Depth Fractional Microneedling Radiofrequency on the Treatment of Senescence-Induced Aging Hyperpigmentation of the Skin. *Int J Mol Sci*. 2021 Jul 13;22(14):7480.

Lee YI, Lee SG, Kim E, Jung I, Suk J, Kim J, Lee JH. Anti-aging effect of an oral disintegrating collagen film: a prospective, single-arm study. *Int J Dermatol*. 2022 Jan;61(1):54-61.

Lee YI, Lee E, Nam KH, Shin DY, Kim J, Suk J, Kwak JY, Lee JH. The Use of a Light-Emitting Diode Device for Neck Rejuvenation and Its Safety on Thyroid Glands. *J Clin Med*. 2021 Apr 19;10(8):1774.

Lee YI, Choi S, Roh WS, Lee JH, Kim TG. Cellular Senescence and Inflammaging in the Skin Microenvironment. *Int J Mol Sci*. 2021 Apr 8;22(8):3849

Rachmin I, Lee JH, Zhang B, Sefton J, Jung I, Lee YI, Hsu YC, Fisher DE. Stress-associated ectopic differentiation of melanocyte stem cells and ORS amelanotic melanocytes in an ex vivo human hair follicle model. *Exp Dermatol*. 2021 Feb 17.

Kim J, Chung KB, Lee YI, Kim J, Lee JH. Clinical characteristics and histopathological changes of morphea: A single-center, retrospective study of 137 patients. *J Am Acad Dermatol*. 2020 Nov 11:S0190-9622(20)33009-7.

Lee YI, Kim SM, Kim J, Kim J, Song SY, Lee WJ, Lee JH. Tissue-remodelling M2 Macrophages Recruits Matrix Metallo-proteinase-9 for Cryotherapy-induced Fibrotic Resolution during Keloid Treatment. *Acta Derm Venereol*. 2020 Oct 28;100(17):adv00306.

Lee YI, Kim S, Kim J, Kim J, Chung KB, Lee JH. Randomized controlled study for the anti-aging effect of human adipocyte-derived mesenchymal stem cell media combined with niacinamide after laser therapy. *J Cosmet Dermatol*. 2020 Oct 26.

Lee YI, Kim J, Kim J, Park S, Lee JH. The Effect of Conditioned Media From Human Adipocyte-Derived Mesenchymal Stem Cells on Androgenetic Alopecia After Nonablative Fractional Laser Treatment. *Dermatol Surg*. 2020 Aug 3.

Kim J, Kim S, Lee YI, Kim J, Lee JH, Park CO. Eosinophil cationic protein is a potential surrogate marker of allergic contact dermatitis: A single-center, retrospective study of 216 patients. *J Am Acad Dermatol*. 2020 May 19:S0190-9622(20)30938-5.

Kim J, Lee YI, Kim J, Jung JY, Lee WJ, Lee JH. Safety of Combined Fractional Microneedle Radiofrequency and CO<sub>2</sub> as an Early Intervention for Inflammatory Acne and Scarring Treated With Concomitant Isotretinoin.

Dermatol Surg. 2020 Oct;46(10):e71-e77.

Kim J, Kim J, Lee YI, Almurayshid A, Jung JY, Lee JH. Effect of a topical antioxidant serum containing vitamin C, vitamin E, and ferulic acid after Q-switched 1064-nm Nd:YAG laser for treatment of environment-induced skin pigmentation. *J Cosmet Dermatol*. 2020 Feb 13.

Lee YI, Kim TG, Lee ST, Lee SH, Lee MG. A Somatic p.Phe29del Mutation of Connexin 26 (GJB2) Manifesting as Acantholytic Dyskeratotic Epidermal Nevus. *JAMA Dermatol*. 2019 May 1;155(5):633-635.

Lee YI, Kim J, Yang CE, Hong JW, Lee WJ, Lee JH. Combined Therapeutic Strategies for Keloid Treatment. *Dermatol Surg*. 2019 Jan 11.

Lee YI, Lee JH, Kim DY, Chung KY, Shin JU. Comparative Effects of Topical 0.2% Sirolimus for Angiofibromas in Adults and Pediatric Patients with Tuberous Sclerosis Complex. *Dermatology*. 2018;234(1-2):13-22.

Lee YI, Lee M, Lee S, Kim DY. A Permanent Hair Loss in a Patient with Hypersensitivity to Intralesional Triamcinolone Injection. *Ann Dermatol*. 2019 Apr;31(2):217-220.

Lee YI, Oh SH. Symmetrical Giant Facial Plaque-type Juvenile Xanthogranuloma: A case report with a successful response to fractional CO2 laser treatment. *Ann Dermatol*. 2019 Apr;31(2):209-212.

Kim JH, Jeong JJ, Lee YI, Lee WJ, Lee C, Chung WY, Nam KH, Lee JH. Preventive effect of polynucleotide on post-thyroidectomy scars: A randomized, double-blinded, controlled trial. *Lasers Surg Med*. 2018 Mar 25.

Lee YI, Kim SK, Oh SH, Kim DY. Cutaneous Rosai-Dorfman disease of the face with a leonine appearance: successful response to dapson. *Eur J Dermatol*. 2018 Apr 1;28(2):255-256.

Chu H, Lee JW, Lee YI, Kim DY. Delayed Treatment of Generalized Morphea due to Misdiagnosis as Vitiligo at an Oriental Medical Clinic. *Ann Dermatol*. 2017 Oct;29(5):649-650.

Kim S, Jang JE, Kim J, Lee YI, Lee DW, Song SY, Lee JH. Enhanced barrier functions and anti-inflammatory effect of cultured coconut extract on human skin. *Food Chem Toxicol*. 2017 Aug;106(Pt A):367-375.

Seo J, Lee YI, Hwang S, Zheng Z, Kim DY. Intramuscular triamcinolone acetonide: An undervalued option for refractory alopecia areata. *J Dermatol*. 2017 Feb;44(2):173-179.

Shin S, Shin JU, Lee YI, Chung WY, Nam KH, Kwon TG, Lee JH. The Effects of Multi-Growth Factors-Containing Cream on Post-Thyroidectomy Scars: A Preliminary Study. *Ann Dermatol*. 2017 Jun;29(3):314-320.

Shin S, Shin JU, Lee YI, Kwon TG, Lee JH. The effects of a multigrowth factor-containing cream on recovery after laser treatment: a double-blinded, randomized, split-face controlled study. *J Cosmet Dermatol*. 2017 Mar;16(1):76-83.

Shin S, Lee JW, Lee YI, Kim DS. Spontaneous partial regression of naevus of Ota with the development of vitiligo. *Br J Dermatol*. 2016 Mar;174(3):694-5.

Seo J, Lee YI, Lee JW, Chung KY. Cutaneous ulceration after injection of interferon alpha in a melanoma patient. *YMJ* 2016 Jul; 54(3):220-1.

## **E. AWARDS**

Academic Award for Highest Achievement (2020), Severance Hospital, Yonsei College of Medicine

52<sup>nd</sup> Medical Scholarship Award (2020), Health Scholarship Foundation, Yuhan Corporation, Korea

Fellowship Academic Achievement Award (2020), Yonsei University Department of Dermatology

Fellowship Academic Achievement Award (2019), Yonsei University Department of Dermatology

Residency Academic Achievement Award (2018), Yonsei University Department of Dermatology

Residency Award of Excellence (2018), Severance Hospital, Yonsei College of Medicine

## **F. ACADEMIC MEMBERSHIPS AND PROFESSIONAL AFFILIATIONS**

Korean Dermatological Association

Korean Society for Investigative Dermatology

European Society for Dermatological Research