

CAROLINE DOO, MD

EDUCATION

Undergraduate/Medical School:

University of Missouri – Kansas City, Combined BA/MD Program, 2009-2016

POSTGRADUATE TRAINING

Internship:

University of Mississippi Medical Center, Internal Medicine, Jul 2016-Jun 2017

Residency:

University of Mississippi Medical Center, Dermatology, Jul 2017-Jun 2020

Fellowship:

University of Mississippi Medical Center, Micrographic Surgery and Dermatologic Oncology, Jul 2021-Jun 2022

EMPLOYMENT

Dermatologist

Center for Dermatology, Cosmetic, and Laser Surgery, Fremont, CA, Aug 2020-May 2021

LICENSURE AND CERTIFICATION

California Medical License, Since 2020

Board Certified, American Board of Dermatology, Since 2020

HONORS AND AWARDS

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| • Resident Award in Dermatopathology | Jun 2020, Jun 2019 |
| • Resident Teaching Award | Jun 2019 |
| • Alpha Omega Alpha Honor Medical Society – Junior Member | Apr 2014 |
| • Dean’s Scholarship | 2011-2013 |
| • Mortar Board National Honor Society | Jan 2011 |
| • Order of Omega | Jan 2011 |
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PROFESSIONAL AFFILIATIONS

- Alpha Omega Alpha Honor Medical Society
 - American Academy of Dermatology
 - American Medical Association
 - American Society for Dermatologic Surgery
 - Kansas City Barbeque Society
 - Women’s Dermatologic Society
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CLINICAL RESEARCH EXPERIENCE

Lesion Counter, Cutera Inc., Study# CD-20-VAL01

Lesion Counter, Cutera Inc., Study# CD-20-PAC01

PRESENTATIONS AND PUBLICATIONS

Doo C, Safavi S, Vanden Heuvel G, Harris E, Herndon B, Molteni A, Baybutt R. Pathological changes in the lungs of Cux1 transgenic mice [Poster]. University of Missouri-Kansas City Research Summit. Kansas City, MO. April, 2014.

Harris ED, Andres EL, Jang I, Petrie A, **Doo C**, Safavi S, Herndon B, Vanden Heuvel GB, Molteni A, and Baybutt RC. Lung Injury and Inflammation [Poster]. Federation of American Societies for Experimental Biology. San Diego, CA. April, 2014.

Harris E, Andres E, Jang I, Petrie A, **Doo C**, Safavi S, Herndon B, Vanden Heuvel G, Molteni A, Baybutt RC. Pathological and fibrotic changes in the lungs of Cux1 transgenic mice [Poster]. International Colloquium on Lung and Airway Fibrosis. Mont Tremblant, Quebec, Canada. September, 2014.

Mohan GC, **Doo C**, Bao L, Shen K, Chan LS. Mechanism of apremilast in atopic dermatitis: normalization of interleukin-4 dysregulation on primary human epidermal cells [Poster]. Australasian Society for Immunology Annual Scientific Meeting. Sydney, Australia. December, 2014.

Mohan GC, **Doo C**, Bao L, Shen K, Chan LS. Apremilast for atopic dermatitis: reversing interleukin-4 dysregulation on primary human keratinocytes [Poster]. American Academy of Dermatology Annual Meeting. San Francisco, CA. March, 2015.

Doo C, Bao L, Shen K, Yang JF, Shen RR, Chan LS. Diacerein alone and in combination with infliximab diminishes cytokine-mediated inflammation in an in vivo-equivalent cell culture psoriasis model by suppressing the pro-inflammatory effects of IL-17A, IL-22, Oncostatin-M, IL1 α , and TNF- α on keratinocytes [Abstract 507]. J Investig Dermatol. 2016;136:S89.

Bao L, Mohan GC, Alexander JB, **Doo C**, Shen K, Chan LS. The molecular mechanism for IL-4 down-regulation of loricrin expression in atopic dermatitis is through sequestration of the coactivator CBP in the Jak-Stat6 pathway [Abstract 495]. J Investig Dermatol. 2016;136:S87.

Shen K, Zhang Y, Bao L, **Doo C**, Yang JF, Shen RR, Yang W, Chan LS. IL4 suppresses skin barrier function by downregulating myosin light chain kinase (MLCK) and upregulating negative regulators of MLCK: Implication in atopic dermatitis pathogenesis [Abstract LB792]. J Investig, Dermatol. 2016;136:B8.

Doo C, Wile AA, King J, Jordan JR, Brodell RT. Large ulcerated plaque on the scalp. J Am Acad Dermatol. 2016;75:e179-80.

Tsoukas M, Boen M, **Doo C**, Garden BC. Chapter 34: Lasers. In: Rigopoulos D, Katoulis AC, editors. Hyperpigmentation. 1st ed. CRC Press; 2017:272-9.

Bao L, Mohan GC, Alexander JB, **Doo C**, Shen K, Bao J, Chan LS. A molecular mechanism for IL-4 suppression of loricrin transcription in epidermal keratinocytes: implication for atopic dermatitis pathogenesis. Innate Immun. 2017;23:641-7.

Cochran CA, Keyes D, **Doo C**, Huynh T, Wyatt J. Leaves of Three, How Bad Can it Be? Journal MSMA. 2018;59:400-4.

Zieman D, **Doo C**, & Nahar VK. Sun Protection, Skin Screening, and Indoor Tanning [Research Highlights]. Dermatol Nurs. 2020;12:39-42.

Griffin DB, Zieman D, Wilkerson AH, Nahar L, Harber ID, **Doo C**, Savoy M, Nahar VK. Skin cancer related awareness, perceptions, and practices of non-medical professionals: a systematic review [Abstract]. J Am Acad Dermatol. 2020;83:AB196.

Doo C, Petruzzelli C, Dowling K, Brown AS, Brodell RT. Chapter 17: Overcoming Barriers to Implementation of Tele dermatology in Rural America. In: Brodell RT, Byrd AC, Firkins-Smith C,

Nahar VK, editors. Dermatology in Rural Settings: Organizational, Clinical, and Socioeconomic Perspectives. Springer; 2021: 147-60.

Doo C, Black WH. Standardizing digital photography during Mohs surgery using a smartphone. American College of Mohs Surgery Annual Meeting. Philadelphia, PA. May, 2022.

TEACHING/LEADERSHIP EXPERIENCE

UMMC Department of Dermatology	2017-2020
<ul style="list-style-type: none">• Academic Chief (Jun 2019-Jun 2020)• Medical Student Liaison (2017-2018)	
UMKC School of Medicine	2013-2016
<ul style="list-style-type: none">• Senior Partner (mentored two younger medical students)	
Alpha Omega Alpha Honor Medical Society	2014-2015
<ul style="list-style-type: none">• Vice President, UMKC Chapter (May 2014-2015)	
American Medical Association (AMA)	2010-2014
<ul style="list-style-type: none">• AMA Foundation Student Ambassador (May 2013-2014)• Vice President, UMKC Chapter (May 2013-2014)• Hospitality Committee, AMA Annual Meeting (Jun 2013)• Delegate, UMKC Chapter (May 2012-2013)• Community Service Chair, UMKC Chapter (May 2011-2012)• Recruitment Chair, UMKC Chapter (May 2010-2011)<ul style="list-style-type: none">◦ Awarded Section Involvement Grant from AMA	
Missouri State Medical Association	2012-2014
<ul style="list-style-type: none">• Councilor (Apr 2012-2013, Apr 2013-2014)	
Medical School Advisory Council (Student Government)	2012-2014
<ul style="list-style-type: none">• President (Dec 2012-2013)• Executive Vice President (Dec 2011-2012)	
UMKC School of Medicine Council on Evaluation	2012-2013
<ul style="list-style-type: none">• Student Representative	
Clinical Skills Facilitator	Oct 2013
<ul style="list-style-type: none">• Educated medical students on proper physical exam techniques.	
Small Group Facilitator for CUES Course	Jun 2013
<ul style="list-style-type: none">• Educated medical students on proper patient-physician communication skills.	
Asian Pacific American Medical Student Association	2011-2012
<ul style="list-style-type: none">• Region VI Director (Oct 2011-2012)• Treasurer, UMKC Chapter (May 2011-2012)• Social Chair, UMKC Chapter (May 2010-May 2011)	

INTERESTS

Serving as a Kansas City Barbeque Society certified judge at barbeque/food competitions, cooking, trying new foods, traveling, photography, drone videography, and exploring outdoors (with adequate sun protection).