

CAROLINE DOO, MD

Last updated July 13, 2020

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, July 2016-June 2017

Residency:

University of Mississippi Medical Center, Dermatology, July 2017-June 2020

LICENSURE

California Medical License, Since 2020

HONORS AND AWARDS

- 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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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, CRC Press, Florida, 2017.
- 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]. American Academy of Dermatology Annual Meeting. (To Be Presented)

TEACHING/LEADERSHIP EXPERIENCE

UMMC Department of Dermatology	2017-2020
<ul style="list-style-type: none">• Academic Chief (June 2019-June 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)	