

**JI EUN OH, M.D., Ph.D.**  
**Graduate School of Medical Science and Engineering, KAIST**  
**Assistant Professor**

**EDUCATION AND TRAINING:**

Ewha Womans University, South Korea	Medical Science	MD	2005
Ewha Womans University, South Korea	Dermatology	MS	2009
KAIST, South Korea	Immunology	Ph.D.	2014

(Thesis Advisor: Prof. Heung Kyu Lee)

**PROFESSIONAL APPOINTMENTS:**

Internship	Ewha Womans University Mokdong Hospital	2005-2006
Residency in Dermatology	Ewha Womans University Mokdong Hospital	2006-2010
Dermatologist	KAIST Clinic Pappalardo Center (4hr service/wk)	2010-2016
Postdoctoral Associate	KAIST	2014-2015
Visiting Professor	KAIST	2015-2016
Research Assistant Professor	KAIST	2016
Postdoctoral Associate/ Associate Research Scientist	Yale University	2016-2020
Assistant Professor	KAIST	2020-present

**SELECTED PUBLICATIONS:**

1. **Ji Eun Oh**<sup>\*</sup>, Myeong Sup Lee<sup>\*</sup>, Young-Joon Kim, Heung Kyu Lee (<sup>\*</sup>co-first author). OASL1 deficiency promotes antiviral protection against genital herpes simplex virus type 2 infection by enhancing type I interferon production. *Scientific Reports* 2016;11:19089
2. **Ji Eun Oh**, Byoungchan Kim, Dong Ho Chang, Meehyang Kwon, Sun Young Lee, Dukjin Kang, Jin Young Kim, Inhwa Hwang, Je-Wook Yu, Susumu Nakae, Heung Kyu Lee. Dysbiosis-induced IL-33 contributes to impaired antiviral immunity in the genital mucosa. *PNAS* 2016;113(6):E762-E771
3. **Ji Eun Oh**, Dong Sun Oh, Hi Eun Jung, Heung Kyu Lee. A mechanism for the induction of type 2 immune responses by a protease allergen in the genital tract. *PNAS* 2017;114(7):E1188-E1195
4. **Ji Eun Oh**<sup>\*</sup>, Norifumi Iijima<sup>\*</sup>, Eric Song, Peiwen Lu, Jonathan Klein, Ruoyi Jiang, Steven H. Kleinstein, Akiko Iwasaki (<sup>\*</sup>co-first author). Migrant memory B cells secrete luminal antibody in the vagina. *Nature* 2019; 571(7763):122-126
5. **Ji Eun Oh**, Akiko Iwasaki (2019). 'Mucosal Vaccines for Genital Herpes', in Hiroshi Kiyono & David W. Pascual (ed.) *Mucosal Vaccines: Innovation for Preventing Infectious Diseases*. Elsevier Science.
6. Hyeon Cheol Kim, Dong Sun Oh, Jang Hyun Park, Hyun-Jin Kim, Yong Bok Seo, Hye Jee Yoo, Hye Seon Jang, Jua Shin, Chae Won Kim, Myeong Seung Kwon, Hyun-Tak Jin, Sung Ki Lee, **Ji Eun Oh**<sup>\*</sup>, Heung Kyu Lee<sup>\*</sup> (<sup>\*</sup>co-corresponding author). Multivalent DNA vaccine protects against genital herpes by T-cell immune induction in vaginal mucosa. *Antiviral Research* 2020;177:104755