



## PUBLICATIONS

### PRESENTATIONS

**Ohtola JA**, Kommoori S, Khaskhely NM, Leggat DJ, Iyer AS, Westerink MAJ. Impact of pneumococcal vaccination on B cell responses in the aging HIV+ population. American Society for Microbiology 114th General Meeting (2014), Boston, Massachusetts. Poster presentation.

**Ohtola JA**, Kommoori S, Khaskhely NM, Leggat DJ, Iyer AS, Westerink MAJ. B cell responses to pneumococcal vaccination in the aging HIV+ population. 2014 Annual Graduate Research Forum, Toledo, Ohio. Poster presentation.

**Ohtola JA**, Takashima A. Discovery of neutrophil-targeted immunoregulatory drugs by unbiased screening. 2013 Annual Graduate Research Forum, Toledo, Ohio. Poster presentation.

**Ohtola JA**, Saul-McBeth JL, Iyer AS, Leggat DJ, Khuder SA, Khaskhely NM, Westerink MAJ. Quantitative and functional antibody responses to the 13-valent conjugate and/or 23-valent purified polysaccharide vaccine in aging HIV-infected adults. Manuscript under review.

**Ohtola JA\***, Khaskhely NM, Saul-McBeth JL, Iyer AS, Leggat DJ, Khuder SA, Westerink MAJ. Alterations in serotype-specific B cell responses to the 13-valent pneumococcal conjugate vaccine in aging HIV-infected adults. Manuscript under review.

Iyer AS, Khaskhely NM, Leggat DJ, **Ohtola JA**, Saul-McBeth JL, Khuder SA, Westerink MAJ. Serum inflammatory markers and surface expression of tumor necrosis factor receptors in pneumococcal polysaccharide (PPS)-specific B cells of HIV-positive and HIV-negative adults. Manuscript under review.

Iyer AS, Leggat DJ, **Ohtola JA**, Duggan JM, Georgescu CA, Al Rizaiza AA, Khuder SA, Khaskhely NM, Westerink MAJ. Response to pneumococcal polysaccharide vaccination in HIV-positive individuals on long term highly active antiretroviral therapy. *J AIDS Clin Res.* 2015 Feb;6(2). PMID: 25908996.

Leggat DJ, Iyer AS, **Ohtola JA**, Kommoori S, Duggan JM, Georgescu CA, Khuder SA, Khaskhely NM, Westerink MAJ. Response to pneumococcal polysaccharide vaccination in newly diagnosed HIV-positive individuals. *J AIDS Clin Res.* 2015 Feb;6(2). PMID: 25908995.

Yao Y, Matsushima H, **Ohtola JA**, Geng S, Lu R, Takashima A. Neutrophil priming occurs in a sequential manner and can be visualized in living animals by monitoring IL-1 promoter activation. *J Immunol.* 2015 Feb 1;194(3):1211-24. PMID: 25527787.

Iyer AS, **Ohtola JA\***, Westerink MAJ. Age-related immune responses to pneumococcal polysaccharide vaccination: lessons for the clinic. *Expert Rev Vaccines.* 2015 Jan; 14(1):85-97. PMID: 25269650.

Cortes C, **Ohtola JA**, Saggi G, Ferreira VP. Local release of properdin in the cellular microenvironment: role in pattern recognition and amplification of the alternative pathway of complement. *Front Immunol.* 2013 Jan 17;3:412. PMID: 23335922.

\*Denotes co-first author.

### LEADERSHIP

**President**, University of Toledo Council of Biomedical Graduate Students. 2014-2015.

**Leader**, TH3 Infection, Immunity and Transplantation Student Group. 2013-2014.

**M.D./Ph.D. Representative**, University of Toledo Council of Biomedical Graduate Students. 2012-2014.

### AWARDS

M.D./Ph.D. program full tuition scholarship.

### FUTURE PLANS