

Antimicrobial Publications

- Clemens, L. E., Jaynes, J. M., Lim, E., Kolar, S. S., Reins, R. Y., Baidouri, H., Hanlon, S., McDermott, A. M., & Woodburn, K. W. (2017). Designed host defense peptides for the treatment of bacterial keratitis. *Investigative Ophthalmology & Visual Science*, 58(14), 6273–6281.
- Vargas, A., Garcia, G., Rivara, K., Woodburn, K. W., & Clemens, L. E. (2023). A designed host defense peptide for the topical treatment of MRSA-infected diabetic wounds. *International Journal of Molecular Sciences*, 24(3), 2143.
- Woodburn, K. W., Jaynes, J. M., & Clemens, L. E. (2019). Evaluation of the antimicrobial peptide, RP557, for the broad-spectrum treatment of wound pathogens and biofilm. *Frontiers in Microbiology*, 10, 1688.
- Woodburn, K. W., Jaynes, J. M., & Clemens, L. E. (2019). Designed antimicrobial peptides for recurrent vulvovaginal candidiasis treatment. *Antimicrobial Agents and Chemotherapy*, 63(11), e00972-19.
- Woodburn, K. W., Jaynes, J. M., & Clemens, L. E. (2020). Designed antimicrobial peptides for topical treatment of antibiotic resistant acne vulgaris. *Antibiotics*, 9(1), 23.
- Woodburn, K. W., Jaynes, J. M., & Clemens, L. E. (2020). Designed antimicrobial peptides against trauma-related cutaneous invasive fungal wound infections. *Journal of Fungi*, 6(3), 184.

Immunomodulatory / Oncology Publications

- Dasgupta, R., et al. (2026). A CD206 targeting peptide exhibits preclinical therapeutic efficacy in cutaneous T-cell lymphoma. *Journal of Investigative Dermatology*, 146(5), 1421–1424.
- Ghebremedhin, A., et al. (2023). A novel CD206 targeting peptide inhibits bleomycin induced pulmonary fibrosis in mice. *Cells*, 12(9), 1254.
- Jaynes, J., et al. (2020). Mannose receptor (CD206) activation in tumor-associated macrophages enhances adaptive and innate antitumor immune responses. *Science Translational Medicine*, 12(530), eaax6337.
- Parker, C. C., et al. (2023). Evaluation of a CD206-targeted peptide for PET imaging of macrophages in syngeneic mouse models of cancer. *Molecular Pharmaceutics*, 20(5), 2415–2425.
- Tekin, V., et al. (2025). PET imaging of CD206 macrophages in bleomycin-induced lung injury mouse model. *Pharmaceutics*, 17(2), 253.
- Wang, Y., et al. (2021). Anti-PD-1/L1 lead-in before MAPK inhibitor combination maximizes antitumor immunity and efficacy. *Cancer Cell*, 39(10), 1375–1387.