

Joshua Baguley

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Education

- 2017-2018 **Larkin University College of Biomedical Sciences**, Miami FL
M.S. Biomedical Sciences
- 2012-2016 **Baylor University**, Waco TX
B.S. Biochemistry

Research Experience

- 2018-Current **MD Anderson Cancer Center**, Department of Genomic Medicine
Research Assistant II
- DNA and RNA extraction and QC (TapeStation, Nanodrop, Pico/Ribogreen)
 - TCR preparation and sequencing (MiSeq)
- 2017-Current **Respiratory and Immunology Project Laboratory**, Larkin University
Student Leader, Research Assistant
- Paper and proposal writing
 - Data analysis (MiniTab)
- 2014-2016 **Trakselis Research Lab**, Baylor University
Undergraduate Researcher
- Genetic cloning and DNA expression with bacteria
 - Protein expression and purification (FPLC)

Publications

Baguley, J. K., Bellinger, S. V., Srour, H. H., Stateman, A. J., & Rivera-Mariani, F. E. (2019). Gender differences in dendritic cell population in nasal and oral cavity between allergic and non-allergic subjects. *Journal of Allergy and Clinical Immunology*, 143(2). doi: 10.1016/j.jaci.2018.12.696

Srour, H., Fomenko, R., **Baguley, J.**, Bellinger, S., Jordan, A., Sutton, J., ... Rivera-Mariani, F. E. (2018). Pilot study of publicly available data to evaluate the relationship between forest fires and emergency department visits due to asthma in the state of California. *F1000Research*, 7, 1232. doi: 10.12688/f1000research.15839.1

Abdalhuk, M., Jordan, A., Wagimin, R., Stamitoles, C., Bellinger, S., **Baguley, J.**, ... Rivera-Mariani, F. E. (2018). Evaluating the associations of race, ethnicity, and food allergens in the development of

childhood asthma: Re-analysis of publicly available retrospective cross-sectional cohort data. *F1000Research*, 7, 1209. doi: 10.12688/f1000research.15831.1

Cranford, M. T., Chu, A. M., **Baguley, J. K.**, Bauer, R. J., & Trakselis, M. A. (2017). Characterization of a coupled DNA replication and translesion synthesis polymerase supraholoenzyme from archaea. *Nucleic Acids Research*, 45(14), 8329–8340. doi: 10.1093/nar/gkx539

Community Service

2018	Habitat for Humanity , Miami FL Volunteer
2018	Miami Rescue Missions , Miami FL Volunteer
2015	Providence Health Center Volunteer , Waco TX Volunteer