


Daniel Arve Butler

Postdoctoral Scholar, Microbiology and Immunology

 Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- Postdoctoral fellowship, School of Medicine Dean's Postdoctoral Fellowship (2023)
- Postdoctoral fellowship, Svenska sällskapet för medicinsk forskning (2022)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Lunds Universitet (2020)
- Ph.D, Lund University , Immunology and Microbiology (2020)

STANFORD ADVISORS

- Denise Monack, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Phytotherapy (BNO 1045) of Acute Lower Uncomplicated Urinary Tract Infection in Women Normalizes Local Host Responses** *UROLOGIA INTERNATIONALIS*
Butler, D. C., Wagenlehner, F., Holler, M., Abramov-Sommariva, D., Steindl, H., Naber, K. G.
2023: 1-7
- **One species, different diseases: the unique molecular mechanisms that underlie the pathogenesis of typhoidal Salmonella infections.** *Current opinion in microbiology*
Wang, B. X., Butler, D. S., Hamblin, M., Monack, D. M.
2023; 72: 102262
- **Immunomodulation therapy offers new molecular strategies to treat UTI** *NATURE REVIEWS UROLOGY*
Butler, D., Ambite, I., Wan, M., Tran, T., Wullt, B., Svanborg, C.
2022; 19 (7): 419-437
- **Immunomodulation-A Molecular Solution to Treating Patients with Severe Bladder Pain Syndrome?** *EUROPEAN UROLOGY OPEN SCIENCE*
Wullt, B., Butler, D. C., Ambite, I., Kinsolving, J., Krintel, C., Svanborg, C.
2021; 31: 49-58
- **Molecular determinants of disease severity in urinary tract infection** *NATURE REVIEWS UROLOGY*
Ambite, I., Butler, D., Wan, M., Rosenblad, T., Thi Hien Tran, Chao, S., Svanborg, C.
2021; 18 (8): 468-486
- **Bladder cancer therapy using a conformationally fluid tumoricidal peptide complex** *NATURE COMMUNICATIONS*
Brisuda, A., Ho, J. S., Kandiyal, P. S., Ng, J., Ambite, I., Butler, D. C., Hacek, J., Wan, M., Tran, T., Nadeem, A., Tran, T., Hastings, A., Storm, et al
2021; 12 (1): 3427
- **Active bacterial modification of the host environment through RNA polymerase II inhibition** *JOURNAL OF CLINICAL INVESTIGATION*

Ambite, I., Filenko, N. A., Zaldastanishvili, E., Butler, D. C., Thi Hien Tran, Chaudhuri, A., Esmaceli, P., Ahmadi, S., Paul, S., Wullt, B., Putze, J., Chen, S. L., Dobrindt, U., et al
2021; 131 (4)

- **A bacterial protease depletes c-MYC and increases survival in mouse models of bladder and colon cancer** *NATURE BIOTECHNOLOGY*
Butler, D. C., Cafaro, C., Putze, J., Wan, M., Tran, T., Ambite, I., Ahmadi, S., Kjellstrom, S., Welinder, C., Chao, S., Dobrindt, U., Svanborg, C.
2021; 39 (6): 754-764
- **Bladder cancer therapy without toxicity-A dose-escalation study of alpha1-oleate** *INTERNATIONAL JOURNAL OF CANCER*
Hien, T., Ambite, I., Butler, D., Wan, M., Tran, T., Hoglund, U., Babjuk, M., Svanborg, C.
2020; 147 (9): 2479-2492
- **Fimbriae reprogram host gene expression - Divergent effects of P and type 1 fimbriae** *PLOS PATHOGENS*
Ambite, I., Butler, D. C., Stork, C., Groenberg-Hernandez, J., Koves, B., Zdziarski, J., Pinkner, J., Hultgren, S. J., Dobrindt, U., Wullt, B., Svanborg, C.
2019; 15 (6): e1007671
- **Neuroepithelial control of mucosal inflammation in acute cystitis** *SCIENTIFIC REPORTS*
Butler, D. C., Ambite, I., Nagy, K., Cafaro, C., Ahmed, A., Nadeem, A., Filenko, N., Thi Hien Tran, Andersson, K., Wullt, B., Puthia, M., Svanborg, C.
2018; 8: 11015
- **Triggered Urine Interleukin-6 Correlates to Severity of Symptoms in Nonfebrile Lower Urinary Tract Infections** *JOURNAL OF UROLOGY*
Sunden, F., Butler, D., Wullt, B.
2017; 198 (1): 107-114
- **Molecular Basis of Acute Cystitis Reveals Susceptibility Genes and Immunotherapeutic Targets** *PLOS PATHOGENS*
Ambite, I., Puthia, M., Nagy, K., Cafaro, C., Nadeem, A., Butler, D. C., Rydstrom, G., Filenko, N. A., Wullt, B., Miethke, T., Svanborg, C.
2016; 12 (10): e1005848
- **IRF7 inhibition prevents destructive innate immunity-A target for nonantibiotic therapy of bacterial infections** *SCIENCE TRANSLATIONAL MEDICINE*
Puthia, M., Ambite, I., Cafaro, C., Butler, D., Huang, Y., Lutay, N., Rydstrom, G., Gullstrand, B., Swaminathan, B., Nadeem, A., Nilsson, B., Svanborg, C.
2016; 8 (336): 336ra59
- **Cytoprotective Effect of Lactobacillus crispatus CTV-05 against Uropathogenic E. coli** *PATHOGENS*
Butler, D. C., Silvestroni, A., Stapleton, A. E.
2016; 5 (1)