



Dalton Brunson

- Affiliate, Department Funds
- Resident in Emergency Medicine

Bio

PROFESSIONAL EDUCATION

- MD, Stanford University School of Medicine , Doctor of Medicine (2025)
- MSc, Stanford University School of Medicine , Epidemiology and Clinical Research (2023)
- BA, Harvard University , Human Developmental and Regenerative Biology (2019)

Publications

PUBLICATIONS

- **Serratus anterior plane block improves pain and incentive spirometry volumes in trauma patients with multiple rib fractures: a prospective cohort study.** *Trauma surgery & acute care open*
Sadauskas, V., Fofana, M., Brunson, D., Choi, J., Spain, D., Quinn, J. V., Duanmu, Y.
2024; 9 (1): e001183
- **Race and Ethnicity and Prehospital Use of Opioid or Ketamine Analgesia in Acute Traumatic Injury.** *JAMA network open*
Brunson, D. C., Miller, K. A., Matheson, L. W., Carrillo, E.
2023; 6 (10): e2338070
- **Factors associated with first-time and repeat blood donation: Adverse reactions and effects on donor behavior.** *Transfusion*
Brunson, D. C., Belanger, G. A., Sussmann, H., Fine, A. M., Pandey, S., Pham, T. D.
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- **Blood Donors Who Return after Adverse Reaction: Identifying Factors Associated with Future Adverse Reactions and Donor Behavior**
Brunson, D., Belanger, G. A., Sussmann, H., Tho Pham
WILEY.2021: 35A
- **Single-cell imaging of T cell immunotherapy responses in vivo.** *The Journal of experimental medicine*
Yan, C., Yang, Q., Zhang, S., Millar, D. G., Alpert, E. J., Do, D., Veloso, A., Brunson, D. C., Drapkin, B. J., Stanzione, M., Scarfò, I., Moore, J. C., Iyer, et al
2021; 218 (10)
- **Single-cell imaging of human cancer xenografts using adult immunodeficient zebrafish** *NATURE PROTOCOLS*
Yan, C., Do, D., Yang, Q., Brunson, D. C., Rawls, J. F., Langenau, D. M.
2020; 15 (9): 3105-3128
- **PRL3 enhances T-cell acute lymphoblastic leukemia growth through suppressing T-cell signaling pathways and apoptosis** *LEUKEMIA*
Garcia, E. G., Veloso, A., Oliveira, M. L., Allen, J. R., Loontjens, S., Brunson, D., Do, D., Yan, C., Morris, R., Iyer, S., Garcia, S. P., Iftimia, N., Van Looche, et al
2021; 35 (3): 679-690
- **Long-term Effects of an Evidence-based Guideline for Emergency Management of Pediatric Syncope.** *Pediatric quality & safety*

Shanahan, K. H., Monuteaux, M. C., Brunson, D., Guse, S. E., Alexander, M. E., Porter, J. J., Neuman, M. I., Fine, A. M.
2020; 5 (6): e361

● **Adult immune compromised zebrafish for xenograft cell transplantation studies** *EBIOMEDICINE*

Yan, C., Yang, Q., Do, D., Brunson, D. C., Langenau, D. M.
2019; 47: 24-26

● **Visualizing Engrafted Human Cancer and Therapy Responses in Immunodeficient Zebrafish** *CELL*

Yan, C., Brunson, D. C., Tang, Q., Do, D., Iftimia, N. A., Moore, J. C., Hayes, M. N., Welker, A. M., Garcia, E. G., Dubash, T. D., Hong, X., Drapkin, B. J., Myers, et al
2019; 177 (7): 1903-+