



Brandon Lam

- Affiliate, Department Funds
- Resident in Medicine

Publications

PUBLICATIONS

- **Multiplexed antigen panel analysis identifies B cell phenotype and receptor genetic contributions to antibody breadth.** *Immunity*
Wirz, O. F., Kotagiri, P., Haraguchi, E., Röltgen, K., Hunter, M., Craig, E., Afaghani, J., Lee, J. Y., Nielsen, S. C., Hoh, R. A., Pursell, T., Arunachalam, P. S., Manohar, et al
2026
- **Drivers of differential antibody breadth in SARS-CoV-2 mRNA vaccination and infection**
Fabian Wirz, O., Kotagiri, P., Haraguchi, E., Roltgen, K., Hunter, M., Craig, E., Afaghani, J., Lee, J., Nielsen, S. C. A., Hoh, R. A., Pursell, T., Arunachalam, P. S., Chang, et al
OXFORD UNIV PRESS.2025
- **Immunoglobulin heavy chain locus duplication in bats**
Pursell, T., Reers, A., Mikelov, A., Kotagiri, P., Lam, B., Ellison, J., Hutson, C., Boyd, S., Frank, H.
OXFORD UNIV PRESS.2025
- **Convergent Features and Cross-reactivity Patterns in Human Memory B-cell Repertoires Against Seasonal and Avian Influenza Strains**
Mikelov, A., Pursell, T., Lam, B., Roltgen, K., Li, S., Lee, J., Santos, J. J. S., Hensley, S. E., Boyd, S. D.
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Zaslavsky, M. E., Craig, E., Michuda, J. K., Sehgal, N., Ram-Mohan, N., Lee, J. Y., Nguyen, K. D., Hoh, R. A., Pham, T. D., Röltgen, K., Lam, B., Parsons, E. S., Macwana, et al
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- **Gestational SARS-CoV-2 Infection in a Ugandan Birth Cohort: High Incidence, Mild Maternal Disease, and Evidence of Association with Transient Infant Stunting.** *The American journal of tropical medicine and hygiene*
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- **Impaired innate and adaptive immune responses to BNT162b2 SARS-CoV-2 vaccination in systemic lupus erythematosus.** *JCI insight*
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2024; 9 (5)
- **Profiling of VEGF Receptors and Immune Checkpoints in Recurrent Respiratory Papillomatosis.** *The Laryngoscope*
Lam, B., Miller, J., Kung, Y. J., Wu, T. C., Hung, C. F., Roden, R., Best, S. R.
2024
- **In situ vaccination via tissue-targeted cDC1 expansion enhances the immunogenicity of chemoradiation and immunotherapy.** *The Journal of clinical investigation*
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2023

- **Development and anticancer properties of Up284, a spirocyclic candidate ADRM1/RPN13 inhibitor.** *PLoS one*
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- **Detection of SARS-CoV-2 Antibodies in Immunoglobulin Products.** *The journal of allergy and clinical immunology. In practice*
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- **An mTORC1-mediated negative feedback loop constrains amino acid-induced FLCN-Rag activation in renal cells with TSC2 loss.** *Nature communications*
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- **Albumin and interferon-beta fusion protein serves as an effective vaccine adjuvant to enhance antigen-specific CD8+ T cell-mediated antitumor immunity.** *Journal for immunotherapy of cancer*
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- **SOCS1 mimetics attenuate autoimmune pathology in a murine model of lupus**
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- **Novel immunotherapeutic Albumin-Fit3L enhances antigen-specific immunity and tumor control following chemoradiation: An analysis of underlying mechanism**
Kung, Y., Lam, B., Lin, J., Wu, T. C., Hung, C.
AMER ASSOC IMMUNOLOGISTS.2021
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 - **Suppressor of cytokine signaling-1 mimetic peptides attenuate lymphocyte activation in the MRL/lpr mouse autoimmune model.** *Scientific reports*
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 - **Development of a Novel Mouse Model of Spontaneous High-Risk HPV E6/E7-Expressing Carcinoma in the Cervicovaginal Tract.** *Cancer research*
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 - **Annexin A5 as an immune checkpoint inhibitor and tumor-homing molecule for cancer treatment.** *Nature communications*
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 - **TLR9 acts as a sensor for tumor-released DNA to modulate anti-tumor immunity after chemotherapy.** *Journal for immunotherapy of cancer*
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