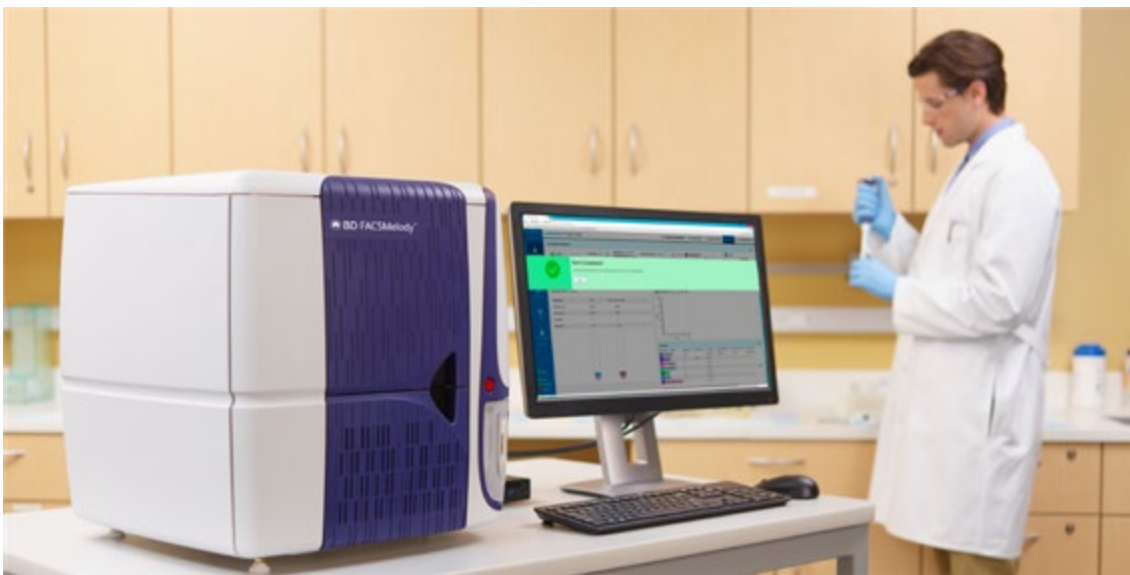


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- The CD4–CD8– MAIT cell subpopulation is a functionally distinct subset developmentally related to the main CD8+ MAIT cell pool *Proc Natl Acad Sci U S A*. 2018 Dec 4; 115(49): E11513–E11522. Published online 2018 Nov 15. [LINK](#)
- Persistent Replication of a Chikungunya Virus Replicon in Human Cells Is Associated with Presence of Stable Cytoplasmic Granules Containing Nonstructural Protein 3 *J Virol*. 2018 Aug 15; 92(16): e00477-18. Pre published online 2018 Jun 6. Published online 2018 Jul 31. [LINK](#)
- Aberrant Expressions of Co-stimulatory and Co-inhibitory Molecules in Autoimmune Diseases. *Frontiers in immunology* (2019), 10, 261. [LINK](#)
- Characterization and functional analysis of novel circulating NK cell subpopulations *International Immunology*, dxz027. [LINK](#)

Single-cell research and multi-omics

- Spatial control of in vivo CRISPR–Cas9 genome editing via nanomagnets *Nature Biomedical Engineering* volume 3, pages126–136 (2019). [LINK](#)
- Multiplexed RNAi therapy against brain tumor-initiating cells via lipopolymeric nanoparticle infusion delays glioblastoma progression *Proc Natl Acad Sci U S A*. 2017 Jul 25; 114(30): E6147–E6156. Published online 2017 Jul 10. [LINK](#)
- Chromosomal scan of single sperm cells by combining fluorescence-activated cell sorting and next-generation sequencing, *Journal of Assisted Reproduction and Genetics* (2019), 36(1), 91-97. [LINK](#)

Stem cell research

- The Coordinated Activities of nAChR and Wnt Signaling Regulate Intestinal Stem Cell Function in Mice *Int J Mol Sci*. 2018 Mar; 19(3): 738. Published online 2018 Mar 5. [LINK](#)
- Bone Morphogenetic Protein 9 Regulates Early Lymphatic-Specified Endothelial Cell Expansion during Mouse Embryonic Stem Cell Differentiation *Stem Cell Reports*. 2019 Jan 8; 12(1): 98–111. Published online 2018 Dec 27. [LINK](#)
- Targeted gene silencing in human embryonic stem cells using cell-penetrating peptide PepFect 14 *Stem Cell Research and Therapy* (2019), 10:43. [LINK](#)

Cancer research

- Metabolic Characterization of Antifolate Responsiveness and Non-responsiveness in Malignant Pleural Mesothelioma Cells *Front Pharmacol*. 2018; 9: 1129. Published online 2018 Oct 12. [LINK](#)
- CSF1R-dependent myeloid cells are required for NK mediated control of metastasis *JCI Insight*. 2018 May 17; 3(10): e97792. Published online 2018 May 17. [LINK](#)
- Cellular communication promotes mammosphere growth and collective invasion through microtubule-like structures and angiogenesis *Oncology Reports* (2019) [LINK](#)
- Artemisinin inhibits breast cancer-induced osteolysis by inhibiting osteoclast formation and breast cancer cell proliferation *Journal of Cellular Physiology* (2018); [LINK](#)
- An integrated enrichment system to facilitate isolation and molecular characterization of single cancer cells from whole blood *Cytometry part A* (2018) [LINK](#)

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