

Winter Storm Update: All MSK sites plan to open at their normal time on Tuesday, February 24. [Please see more](#) .

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FOR THE MEDIA

PMID: 40117345 Free PMC article.

[Evaluating the clinical utility of Aspergillus, Mucorales, and Nocardia bronchoalveolar PCRs for the diagnosis of invasive pulmonary infections in patients with hematological malignancies.](#)

Gali V, Al-Ghanamah R, Finnigan K, Kalchiem-Dekel O, Kamboj M, Hohl TM, Babady NE, Papanicolaou GA, Lee YJ.

J Clin Microbiol. 2025 Feb 19;63(2):e0135524. doi: 10.1128/jcm.01355-24. Epub 2025 Jan 16.

PMID: 39817757 Free PMC article.

[Comparative Emergence of Maribavir and Ganciclovir Resistance in a Randomized Phase 3 Clinical Trial for Treatment of Cytomegalovirus Infection.](#)

Chou S, Winston DJ, Avery RK, Cordonnier C, Duarte RF, Haider S, Maertens J, Peggs KS, Solano C, Young JH, Gu J, Pocock G, Papanicolaou GA.

J Infect Dis. 2025 Mar 17;231(3):e470-e477. doi: 10.1093/infdis/jiae469.

PMID: 39302855 Free PMC article. Clinical Trial.

[Letermovir for Prevention of Recurrent Cytomegalovirus in High-Risk Allogeneic Hematopoietic Cell Transplantation Recipients.](#)

Han G, Stern A, Lee YJ, Li Y, Dahi PB, Tamari R, Gyurkocza B, Jakubowski AA, Papadopoulos EB, Shaffer B, Perales MA, Obeid KM, Young JH, Papanicolaou GA.

Transplant Cell Ther. 2025 Feb;31(2):105.e1-105.e9. doi: 10.1016/j.jtct.2024.12.010. Epub 2024 Dec 17.

PMID: 39701288

[Improving Urinary Tract Infection Diagnostics in Oncology: Reliability of Reflex Urine Culture in Immunosuppressed Neutropenic and Non-neutropenic Cancer Patients.](#)

Laracy JC, Chan JL, Kodama R, Yan J, Raible KM, Sepkowitz K, McVoy L, Babady NE, Kamboj M.

Clin Infect Dis. 2025 Jun 4;80(5):969-974. doi: 10.1093/cid/ciaf018.

PMID: 39812021

[Microbial cancer immunotherapy reprograms hematopoiesis to enhance myeloid-driven anti-tumor immunity.](#)

Daman AW, Antonelli AC, Redelman-Sidi G, Paddock L, Khayat S, Ketavarapu M, Cheong JG, Jurado LF, Benjamin A, Jiang S, Ahimovic D, Lawless VR, Bale MJ, Loutochin O, McPherson VA, Divangahi M, Niec RE, Pe'er D, Pietzak E, Josefowicz SZ, Glickman MS.

Cancer Cell. 2025 May 28:S1535-6108(25)00211-9. doi: 10.1016/j.ccell.2025.05.002. Online ahead of print.

PMID: 40446799

[A split ALFA tag-nanobody system for protein localization and proximity proteomics in mycobacteria.](#)

Fay A, Kurland AP, Li Z, Monetti M, Johnson JR, Glickman MS.

mBio. 2025 Jun 27:e0097125. doi: 10.1128/mbio.00971-25. Online ahead of print.

PMID: 40576343 Free article.

2024

[BTK drives neutrophil activation for sterilizing antifungal immunity.](#)

Desai JV, Zarakas MA, Wishart AL, Roschewski M, Aufiero MA, Donkò A, Wigerblad G, Shlezinger N, Plate M, James MR, Lim JK, Uzel G, Bergerson JR, Fuss I, Cramer RA, Franco LM, Clark ES, Khan WN, Yamanaka D, Chamilos G, El-Benna J, Kaplan MJ, Staudt LM, Leto TL, Holland SM, Wilson WH, Hohl TM, Lionakis MS.

J Clin Invest. 2024 May 2;134(12):e176142. doi: 10.1172/JCI176142.

PMID: 38696257 Free PMC article.

[Antifungal heteroresistance causes prophylaxis failure and facilitates breakthrough Candida parapsilosis infections.](#)

Zhai B, Liao C, Jaggavarapu S, Tang Y, Rolling T, Ning Y, Sun T, Bergin SA, Gjonbalaj M, Miranda E, Babady NE, Bader O, Taur Y, Butler G, Zhang L, Xavier JB, Weiss DS, Hohl TM.

Nat Med. 2024 Nov;30(11):3163-3172. doi: 10.1038/s41591-024-03183-4. Epub 2024 Aug 2.

PMID: 39095599 Free PMC article.

[Incidence and Impact of Fungal Infections in Post-Transplantation Cyclophosphamide-Based Graft-versus-Host Disease Prophylaxis and Haploidentical Hematopoietic Cell Transplantation: A Center for International Blood and Marrow Transplant Research Analysis.](#)

Papanicolaou GA, Chen M, He N, Martens MJ, Kim S, Batista MV, Bhatt NS, Hematti P, Hill JA, Liu H, Nathan S, Seftel MD, Sharma A, Waller EK, Wingard JR, Young JH, Dandoy CE, Perales MA, Chemaly RF, Riches M, Ustun C.

Transplant Cell Ther. 2024 Jan;30(1):114.e1-114.e16. doi: 10.1016/j.jtct.2023.09.017. Epub 2023 Sep 28.

PMID: 37775070 Free PMC article.

[Post-transplantation cyclophosphamide is associated with increased bacterial infections.](#)

Ustun C, Chen M, Kim S, Auletta JJ, Batista MV, Battiwalla M, Cerny J, Gowda L, Hill JA, Liu H, Munshi PN, Nathan S, Seftel MD, Wingard JR, Chemaly RF, Dandoy CE, Perales MA, Riches M, Papanicolaou GA.

Bone Marrow Transplant. 2024 Jan;59(1):76-84. doi: 10.1038/s41409-023-02131-z. Epub 2023 Oct 31.

PMID: 37903992 Free PMC article.

[Treatment for First Cytomegalovirus Infection Post-Hematopoietic Cell Transplant in the AURORA Trial: A Multicenter, Double-Blind, Randomized, Phase 3 Trial Comparing Maribavir With Valganciclovir.](#)

Papanicolaou GA, Avery RK, Cordonnier C, Duarte RF, Haider S, Maertens J, Peggs KS, Solano C, Young JH, Fournier M, Murray RA, Wu J, Winston DJ; AURORA Trial Investigators.

Clin Infect Dis. 2024 Mar 20;78(3):562-572. doi: 10.1093/cid/ciad709. PMID: 38036487

Free PMC article. Clinical Trial.

[Impact of Primary Letermovir Prophylaxis Versus Preemptive Antiviral Therapy for Cytomegalovirus on Economic and Clinical Outcomes after Hematopoietic Cell Transplantation.](#)

Tan CA, Palen L, Su Y, Li Y, Gennarelli RL, Perales MA, Cohen N, Papanicolaou GA, Shah GL, Seo SK.

Transplant Cell Ther. 2024 Aug;30(8):792.e1-792.e12. doi: 10.1016/j.jtct.2024.05.021. Epub 2024 Jun 3.

PMID: 38838781

[Best Practice Considerations by The American Society of Transplant and Cellular Therapy: Infection Prevention and Management After Chimeric Antigen Receptor T Cell Therapy for Hematological Malignancies.](#)

Shahid Z, Jain T, Dioverti V, Pennisi M, Mikkilineni L, Thiruvengadam SK, Shah NN, Dadwal S, Papanicolaou G, Hamadani M, Carpenter PA, Alfaro GM, Seo SK, Hill JA.

Transplant Cell Ther. 2024 Oct;30(10):955-969. doi: 10.1016/j.jtct.2024.07.018. Epub 2024 Jul 30.

PMID: 39084261

[Susceptibility of healthcare personnel with severe acute respiratory coronavirus virus 2 \(SARS-CoV-2\) hybrid immunity to XBB lineage reinfection.](#)

Whiting KA, Guest R, Seshan VE, Kamboj M.

Infect Control Hosp Epidemiol. 2024 Jun;45(6):781-784. doi: 10.1017/ice.2023.282. Epub 2024 Feb 20.

PMID: 38374682

[Utility of post-admission SARS-CoV-2 serial testing in hospitalized patients with cancer.](#)

Usiak S, Aslam A, Yan J, Madhavappallil J, Bokhari M, Romero T, Bubb TN, Kodama R, Babady E, Kamboj M.

Infect Control Hosp Epidemiol. 2024 Dec 3:1-3. doi: 10.1017/ice.2024.174. Online ahead of print.

PMID: 39624026