



Pathology and Microbiology

June 2021 Publications

[CyDisCo production of functional recombinant SARS-CoV-2 spike receptor binding domain.](#)

Prahlad J, et al. Among authors: Broadhurst MJ, Bayles KW. *GEO.Protein Sci.* 2021 Jun 30. doi: 10.1002/pro.4152

[Accumulation of Succinyl Coenzyme A Perturbs the Methicillin-Resistant *Staphylococcus aureus* \(MRSA\) Succinylome and Is Associated with Increased Susceptibility to Beta-Lactam Antibiotics.](#)

Campbell C, et al. Among authors: Bayles KW, Fey PD, Thomas VC. *mBio.* 2021 Jun 29;12(3):e0053021.

[EWSR1-PATZ1 fusion renal cell carcinoma: a recurrent gene fusion characterizing thyroid-like follicular renal cell carcinoma.](#)

Al-Obaidy KI, et al. Among authors: Bridge JA. *Mod Pathol.* 2021 Jun 7.

[Antibacterial use in the age of SARS-CoV-2.](#)

Angell KE, et al. Among authors: Broadhurst MJ. *JAC Antimicrob Resist.* 2021 Jun 9;3(2):dlab073.

[Diminished hepatocarcinogenesis by a potent, high affinity human PPAR \$\alpha\$ agonist in PPARA-humanized mice.](#)

Foreman JE, et al. Among authors: Cohen SM. *Toxicol Sci.* 2021 Jun 3:kfab067.

[Species differences between mouse and human PPAR \$\alpha\$ in modulating the hepatocarcinogenic effects of perinatal exposure to a high-affinity human PPAR \$\alpha\$ agonist in mice.](#)

Foreman JE, et al. Among authors: Cohen SM. *Toxicol Sci.* 2021 Jun

[Mucinous Adenocarcinoma of the Appendix With Histologic Response to Neoadjuvant Chemotherapy: Review of Histologic and Clinical Spectrum of Epithelial Neoplastic Mucinous Lesions of the Appendix.](#)

Copur M, et al. Among authors: Cushman-Vokoun A, Horn A. *Oncology (Williston Park).* 2021 Jun 23;35(6):335-340.

[The utility of a myeloid mutation panel for the diagnosis of myelodysplastic syndrome and myelodysplastic/myeloproliferative neoplasm.](#)

Ibrar W, Zhang W, Cox JL, Cushman-Vokoun A, Fu K, Greiner TC, Yuan J. *Int J Lab Hematol.* 2021 Jul 16.

[Porcine pancreatic ductal epithelial cells transformed with KRAS^{G12D} and SV40T are tumorigenic.](#)

Bailey KL, Cartwright SB, Patel NS, Remmers N, Lazenby AJ, Hollingsworth MA, Carlson MA. *Sci Rep.* 2021 Jun 28;11(1):13436



[Pancreatic Tumor Microenvironment Factor Promotes Cancer Stemness via SPP1-CD44 Axis.](#)

Nallasamy P, et al. Among authors: Lele SM. Gastroenterology. 2021 Aug 18:S0016-5085(21)03402-8.

[PGC1 \$\alpha\$ -Mediated Metabolic Reprogramming Drives the Stemness of Pancreatic Precursor Lesions.](#)

Nimmakayala RK, et al. Among authors: Lele SM. Clin Cancer Res. 2021 Jun 25

[Synthesis, optimization, in vitro and in vivo study of bicyclic substituted amine as MenA inhibitor.](#)

Choi SR, Narayanasamy P. Bioorg Med Chem Lett. 2021 Sep 1;47:128203.

[CRISPR Interference To Inducibly Repress Gene Expression in Chlamydia trachomatis.](#)

Ouellette SP, Blay EA, Hatch ND, Fisher-Marvin LA. Infect Immun. 2021 Jun 16;89(7):e0010821.

[Inclusion Membrane Growth and Composition Are Altered by Overexpression of Specific Inclusion Membrane Proteins in Chlamydia trachomatis L2.](#)

Olson-Wood MG, Jorgenson LM, Ouellette SP, Rucks EA. Infect Immun. 2021 Jun 16;89(7):e0009421.

[Emerging Science, Personal Protective Equipment Guidance, and Resource Scarcity: Inaction and Inequity for Workers in Essential Industries.](#)

Lowe AE, et al. Among authors: Santarpia JL. Health Secur. 2021 Jun 9.

[Chemokines orchestrate tumor cells and the microenvironment to achieve metastatic heterogeneity.](#)

Saxena S, Singh RK. Cancer Metastasis Rev. 2021 Jun;40(2):447-476

[Myeloid derived suppressor cells and the release of micro-metastases from dormancy.](#)

Khadge S, Cole K, Talmadge JE. Clin Exp Metastasis. 2021 Jun;38(3):279-293.

[Short and Robust Anti-Infective Lipopeptides Engineered Based on the Minimal Antimicrobial Peptide KR12 of Human LL-37.](#)

Lakshmaiah Narayana J, et al. Among authors: Wang G. ACS Infect Dis. 2021 Jun 11;7(6):1795-1808.

[Simultaneous Delivery of Multiple Antimicrobial Agents by Biphasic Scaffolds for Effective Treatment of Wound Biofilms.](#)

Su Y, et al. Among authors: Wang G. Adv Healthc Mater. 2021 Jun;10(12):e2100135.