

# ZE5 Cell Analyzer Publications List

Flow Cytometry

Bulletin 7215



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## Immunology

### 2017

#### McCubbrey AL et al. (2017).

Promoter specificity and efficacy in conditional and inducible transgenic targeting of lung macrophages.

Front Immunol 8, 1,618.



#### Wu SJ et al. (2017).

A critical analysis of the role of SNARE protein SEC22B in antigen cross-presentation.

Cell Rep 19, 2,645–2,656.



### 2018

#### Borlido J et al. (2018).

Nuclear pore complex-mediated modulation of TCR signaling is required for naïve CD4<sup>+</sup> T cell homeostasis.

Nat Immunol 19, 594–605.



#### Palmer VL et al. (2018).

IL10 restrains autoreactive B cells in transgenic mice expressing inactive RAG1.

Cell Immunol 331, 110–120.



#### Schabla NM et al. (2018).

VprBP (DCAF1) regulates RAG1 expression independently of dicer by mediating RAG1 degradation.

J Immunol 201, 930–939.



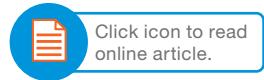
#### Staser KW et al. (2018).

OMIP-042: 21-color flow cytometry to comprehensively immunophenotype major lymphocyte and myeloid subsets in human peripheral blood.

Cytometry A 93, 186–189.



**BIO-RAD**



**Zhao M et al. (2018).**

Altered thymic differentiation and modulation of arthritis by invariant NKT cells expressing mutant ZAP70.

Nat Commun 9, 2,627.



## 2019

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**Apavaloei A et al. (2019).**

PSMB11 orchestrates the development of CD4 and CD8 thymocytes via regulation of gene expression in cortical thymic epithelial cells.

J Immunol 202, 966–978.



**Edgar LJ et al. (2019).**

Targeted delivery of antigen to activated CD169<sup>+</sup> macrophages induces bias for expansion of CD8<sup>+</sup> T cells.

Cell Chem Biol 26, 131–136.



**Holbrook AK et al. (2019).**

CD4<sup>+</sup> T cell activation and associated susceptibility to HIV-1 infection in vitro increased following acute resistance exercise in human subjects.

Physiol Rep 7, e14234.



**Marro BS et al. (2019).**

Macrophage IFN- $\lambda$  signaling promotes autoreactive T cell infiltration into islets in type 1 diabetes model.

JCI Insight 4, e125067.



**Svensson MN et al. (2019).**

Reduced expression of phosphatase PTPN2 promotes pathogenic conversion of Tregs in autoimmunity.

J Clin Invest 129, 1,193–1,210.



**Voss JE et al. (2019).**

Reprogramming the antigen specificity of B cells using genome-editing technologies.

eLife 8, e42995.



## 2020

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**Benhammadi M et al. (2020).**

IFN- $\lambda$  enhances constitutive expression of MHC class I molecules on thymic epithelial cells.

J Immunol 205, 1,268–1,280.

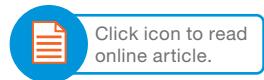


**Chen Q et al. (2020).**

CD19<sup>+</sup>CD24<sup>hi</sup>CD38<sup>hi</sup> B cell dysfunction in primary biliary cholangitis.

Mediators Inflamm 2020, 3019378.





**Godbersen-Palmer C et al. (2020).**

Toxicity induced by a bispecific T cell–redirecting protein is mediated by both T cells and myeloid cells in immunocompetent mice.

J Immunol 204, 2,973–2,983.



**Hagan N et al. (2020).**

CSF1R signaling is a regulator of pathogenesis in progressive MS.

Cell Death Dis 11, 904.



**Hanamsagar R et al. (2020).**

An optimized workflow for single-cell transcriptomics and repertoire profiling of purified lymphocytes from clinical samples.

Sci Rep 10, 2,219.



**Hsieh WC et al. (2020).**

PTPN2 links colonic and joint inflammation in experimental autoimmune arthritis.

JCI Insight 5, e141868.



**Labarta-Bajo L et al. (2020).**

CD8 T cells drive anorexia, dysbiosis, and blooms of a commensal with immunosuppressive potential after viral infection.

Proc Natl Acad Sci USA 117, 24,998–25,007.



**Labarta-Bajo L et al. (2020).**

Type I IFNs and CD8 T cells increase intestinal barrier permeability after chronic viral infection.

J Exp Med. 217, e20192276.



**Lee BJ et al. (2020).**

Generation of cell-derived matrices that support human NK cell migration and differentiation.

J Leukoc Biol [published ahead of print May 11, 2020]. Accessed November 30, 2020.



**Lin JD et al. (2020).**

Rewilding Nod2 and Atg16l1 mutant mice uncovers genetic and environmental contributions to microbial responses and immune cell composition.

Cell Host Microbe 27, 830–840.



**Nasrallah R et al. (2020).**

A distal enhancer at risk locus 11q13.5 promotes suppression of colitis by  $T_{reg}$  cells

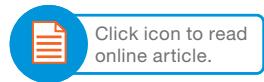


**Pasciuto E et al. (2020).**

Microglia require CD4 T cells to complete the fetal-to-adult transition.

Cell 182, 625–640.





**Rai V et al. (2020).**

The immune response after noise damage in the cochlea is characterized by a heterogeneous mix of adaptive and innate immune cells.

Sci Rep 10, 15,167.



**Sule G et al. (2020).**

Increased adhesive potential of antiphospholipid syndrome neutrophils mediated by  $\beta 2$  integrin Mac-1.

Arthritis Rheumatol 72, 114–124.



**Svensson MND et al. (2020).**

Synoviocyte-targeted therapy synergizes with TNF inhibition in arthritis reversal.

Sci Adv 6, eaba4353.



**Ural BB et al. (2020).**

Identification of a nerve-associated, lung resident interstitial macrophage subset with distinct localization and immunoregulatory properties.

Sci Immunol 5, eaax8756.



**Wang J et al. (2020).**

Genetic variability of T cell responses in hypersensitivity pneumonitis identified using the BXD genetic reference panel.

Am J Physiol Lung Cell Mol Physiol 318, L631–L643.



**Yeung F et al. (2020).**

Altered immunity of laboratory mice in the natural environment is associated with fungal colonization.

Cell Host Microbe 27, 809–822.



## Cancer Biology and Immunotherapy

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### 2017

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**Oweida A et al. (2017).**

Ionizing radiation sensitizes tumors to PD-L1 immune checkpoint blockade in orthotopic murine head and neck squamous cell carcinoma.

Oncoimmunology 6, e1356153.



### 2018

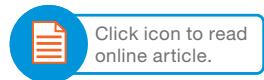
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**Cooper ML et al. (2018).**

An “off-the-shelf” fratacide-resistant CAR-T for the treatment of T cell hematologic malignancies.

Leukemia 32, 1,970–1,983.





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**Goldsmith ZK et al. (2018).**

Targeting the platelet-derived growth factor-beta stimulatory circuitry to control  
retinoblastoma seeds.



Invest Ophthalmol Vis Sci 59, 4,486–4,495.

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**Oweida A et al. (2018).**

Resistance to radiotherapy and PD-L1 blockade is mediated by TIM-3 upregulation  
and regulatory T-cell infiltration.



Clin Cancer Res 24, 5,368–5,380.

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## 2019

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**Arnst KE et al. (2019).**

X-ray crystal structure guided discovery and antitumor efficacy of dihydroquinoxalinone  
as potent tubulin polymerization inhibitors.



ACS Chem Biol 14, 2,810–2,821.

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**Bhatia S et al. (2019).**

Inhibition of EphB4-ephrin-B2 signaling reprograms the tumor immune  
microenvironment in head and neck cancers.



Cancer Res 79, 2,722–2,735.

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**Borot F et al. (2019).**

Gene-edited stem cells enable CD33-directed immune therapy for  
myeloid malignancies.



Proc Natl Acad Sci USA 116, 11,978–11,987.

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**Bullock BL et al. (2019).**

Tumor-intrinsic response to IFN $\gamma$  shapes the tumor microenvironment and anti-PD-1  
response in NSCLC.



Life Sci Alliance 2, e201900328.

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**Chan SM et al. (2019).**

The HERV-K accessory protein Np9 controls viability and migration of  
teratocarcinoma cells.



PLoS One 14, e0212970.

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**Cheng G et al. (2019).**

Targeting lonidamine to mitochondria mitigates lung tumorigenesis and  
brain metastasis.



Nat Commun 10, 2,205.

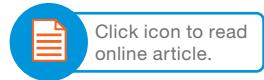
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**Goldsmith ZK et al. (2019).**

Sirtuin inhibitor as a novel cell cycle checkpoint and regulator of the TP53-MDM2  
pathway in uveal melanoma.



Ophthalmol Open J 3, 21–30.



**Kansal R et al. (2019).**

Sustained B cell depletion by CD19-targeted CAR T cells is a highly effective treatment for murine lupus.

Sci Transl Med 11, eaav1648.



**Kashyap VK et al. (2019).**

Therapeutic efficacy of a novel  $\beta$ III/ $\beta$ IV-tubulin inhibitor (VERU-111) in pancreatic cancer.

J Exp Clin Cancer Res 38, 29.



**Kessler BE et al. (2019).**

Resistance to Src inhibition alters the BRAF-mutant tumor secretome to promote an invasive phenotype and therapeutic escape through a FAK>p130Cas>c-Jun signaling axis.

Oncogene 38, 2,565–2,579.



**Lennon S et al. (2019).**

Pancreatic tumor microenvironment modulation by EphB4-ephrinB2 inhibition and radiation combination.

Clin Cancer Res 25, 3,352–3,365.



**Michmerhuizen NL et al. (2019).**

Rationale for using irreversible epidermal growth factor receptor inhibitors in combination with phosphatidylinositol 3-kinase inhibitors for advanced head and neck squamous cell carcinoma.

Mol Pharmacol 95, 528–536.



**Narayanan JSS et al. (2019).**

Irreversible electroporation combined with checkpoint blockade and TLR7 stimulation induces antitumor immunity in a murine pancreatic cancer model.

Cancer Immunol Res 7, 1,714–1,726.



**Zhao Y et al. (2019).**

miR-141 inhibits proliferation, migration and invasion in human hepatocellular carcinoma cells by directly downregulating TGF $\beta$ R1.

Oncol Rep 42, 1,656–1,666.



## 2020

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**Bi X et al. (2020).**

METTL3-mediated maturation of miR-126-5p promotes ovarian cancer progression via PTEN-mediated PI3K/Akt/mTOR pathway.

Cancer Gene Ther [published ahead of print September 16, 2020]. Accessed November 30, 2020.

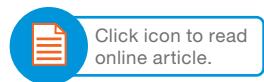


**Chen W et al. (2020).**

Discovery of mitochondrial transcription inhibitors active in pancreatic cancer cells.

ChemMedChem [published ahead of print August 3, 2020]. Accessed November 30, 2020.





**Deng S et al. (2020).**

An orally available tubulin inhibitor, VERU-111, suppresses triple-negative breast cancer tumor growth and metastasis and bypasses taxane resistance.

Mol Cancer Ther 19, 348–363.



**Evgin L et al. (2020).**

Oncolytic virus-derived type I interferon restricts CAR T cell therapy.

Nat Commun 11, 3,187.



**Hatami E et al. (2020).**

Gambogic acid potentiates gemcitabine induced anticancer activity in non-small cell lung cancer.

Eur J Pharmacol 888, 173,486.



**Kieffer Y et al. (2020).**

Single-cell analysis reveals fibroblast clusters linked to immunotherapy resistance in cancer.

Cancer Discov 10, 1,330–1,351.



**Lupien LE et al. (2020).**

Endocytosis of very low-density lipoproteins: An unexpected mechanism for lipid acquisition by breast cancer cells.

J Lipid Res 61, 205–218.



**Mahmud F et al. (2020).**

Orally available tubulin inhibitor VERU-111 enhances antitumor efficacy in paclitaxel-resistant lung cancer.

Cancer Lett 495, 76–88.



**Mehta RK et al. (2020).**

Low-dose Hsp90 inhibitor selectively radiosensitizes HNSCC and pancreatic xenografts.

Clin Cancer Res 26, 5,246–5,257.



**Neuwelt AJ et al. (2020).**

Cancer cell-intrinsic expression of MHC II in lung cancer cell lines is actively restricted by MEK/ERK signaling and epigenetic mechanisms.

J Immunother Cancer 8, e000441.



**Park SR et al. (2020).**

Single-cell transcriptome analysis of colon cancer cell response to 5-fluorouracil-induced DNA damage.

Cell Rep 32, 108,077.

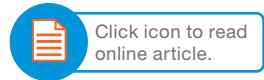


**Ricci B et al. (2020).**

Osterix-Cre marks distinct subsets of CD45– and CD45+ stromal populations in extra-skeletal tumors with pro-tumorigenic characteristics.

Elife 9, e54659.





**Tan J et al. (2020).**

Ultrasound-assisted enzymatic extraction of anthocyanins from grape skins:

Optimization, identification, and antitumor activity.

J Food Sci 85, 3,731–3,744.



**Zaslavsky AB et al. (2020).**

Platelet PD-L1 suppresses anti-cancer immune cell activity in PD-L1 negative tumors.

Sci Rep 10, 19,296.



**Zhu Z et al. (2020).**

Tumour-reprogrammed stromal BCAT1 fuels branched-chain ketoacid dependency  
in stromal-rich PDAC tumours.

Nat Metab 2, 775–792.



## Antibody Engineering/Drug Delivery/Drug Screening

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### 2018

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**Betker JL et al. (2018).**

Nanoparticle uptake by circulating leukocytes: A major barrier to tumor delivery.

J Control Release 286, 85–93.



**Datta A et al. (2018).**

High-throughput screening identified selective inhibitors of exosome biogenesis and  
secretion: A drug repurposing strategy for advanced cancer.

Sci Rep 8, 8,161.



### 2019

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**Julian MC et al. (2019).**

Nature-inspired design and evolution of anti-amyloid antibodies.

J Biol Chem 294, 8,438–8,451.



**Marro BS et al. (2019).**

Discovery of small molecules for the reversal of T cell exhaustion.

Cell Rep 29, 3,293–3,302.



**McGuire TR et al. (2019).**

Effects of novel pyrrolomycin MP1 in MYCN amplified chemoresistant neuroblastoma  
cell lines alone and combined with temsirolimus.

BMC Cancer 19, 837.



### 2020

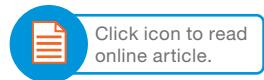
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**Jiang J et al. (2020).**

A novel corona core-shell nanoparticle for enhanced intracellular drug delivery.

Mol Med Rep 21, 1,965–1,972.





**Notaro A et al. (2020).**

A maltol-containing ruthenium polypyridyl complex as a potential anticancer agent.  
Chemistry 26, 4,997–5,009.



**Notaro A et al. (2020).**

Increasing the cytotoxicity of Ru (II) polypyridyl complexes by tuning the electronic structure of dioxo ligands.  
J Am Chem Soc 142, 6,066–6,084.



**Notaro A et al. (2020).**

Ruthenium(II) complex containing a redox-active semiquinonate ligand as a potential chemotherapeutic agent: From synthesis to *in vivo* studies.  
J Med Chem 63, 5,568–5,584.



**Ramkumar P et al. (2020).**

CRISPR-based screens uncover determinants of immunotherapy response in multiple myeloma.  
Blood Adv 4, 2,899–2,911.



## COVID-19 Studies

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**Grifoni A. et al. (2020).**

Targets of T cell responses to SARS-CoV-2 coronavirus in humans with COVID-19 disease and unexposed individuals.  
Cell 181, 1,489–1,501.



**Houlihan CF et al. (2020).**

Pandemic peak SARS-CoV-2 infection and seroconversion rates in London frontline health-care workers.  
Lancet 396, e6–e7.



**Mateus J et al. (2020).**

Selective and cross-reactive SARS-CoV-2 T cell epitopes in unexposed humans.  
Science 370, 89–94.



**Ng KW et al. (2020).**

Preexisting and de novo humoral immunity to SARS-CoV-2 in humans.  
Science [published ahead of print November 6, 2020]. Accessed November 30, 2020.



**Piccoli L et al. (2020).**

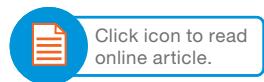
Mapping neutralizing and immunodominant sites on the SARS-CoV-2 spike receptor-binding domain by structure-guided high-resolution serology.  
Cell 183, 1,024–1,042.



**Pinto D et al. (2020).**

Cross-neutralization of SARS-CoV-2 by a human monoclonal SARS-CoV antibody.  
Nature 583, 290–295.





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**Russell E et al. (2020).**

Adapting to the coronavirus pandemic: Building and incorporating a diagnostic pipeline in a shared resource laboratory.



Cytometry A [published ahead of print October 29, 2020]. Accessed November 30, 2020.

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## Stem Cell Biology

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### 2018

**Kadle RL et al. (2018).**

Microenvironmental cues enhance mesenchymal stem cell-mediated immunomodulation and regulatory T-cell expansion.



PLoS One 13, e0193178.

**Upadhyaya S et al. (2018).**

Kinetics of adult hematopoietic stem cell differentiation in vivo.



J Exp Med 215, 2,815–2,832.

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### 2019

**Zhao M et al. (2019).**

N-cadherin-expressing bone and marrow stromal progenitor cells maintain reserve hematopoietic stem cells.



Cell Rep 26, 652–669.

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### 2020

**Cao C et al. (2020).**

Characterization of the immunomodulatory properties of alveolar bone-derived mesenchymal stem cells.



Stem Cell Res Ther 11, 102.

**Paniza T et al. (2020).**

Pluripotent stem cells with low differentiation potential contain incompletely reprogrammed DNA replication.



J Cell Biol 219, e201909163.

**Tao F et al. (2020).**

$\beta$ -catenin and associated proteins regulate lineage differentiation in ground state mouse embryonic stem cells.



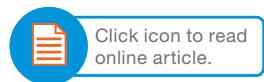
Stem Cell Reports 15, 662–676.

**Zondervan RL et al. (2020).**

Thrombospondin-2 spatiotemporal expression in skeletal fractures.



J Orthop Res Sci [published ahead of print May 21, 2020]. Accessed November 30, 2020.



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## Cell and Molecular Biology

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### 2018

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**Good RJ et al. (2018).**

MicroRNA dysregulation in lung injury: The role of the miR-26a/EphA2 axis in regulation of endothelial permeability.

Am J Physiol Lung Cell Mol Physiol 315, L584–L594.

**Suganuma T et al. (2018).**

MPTAC determines APP fragmentation via sensing sulfur amino acid catabolism.

Cell Rep 24, 1,585–1,596.



### 2019

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**Allawzi A et al. (2019).**

Redistribution of EC-SOD resolves bleomycin-induced inflammation via increased apoptosis of recruited alveolar macrophages.

FASEB J 33, 13,465–13,475.

**Holliday MJ et al. (2019).**

Structures of autoinhibited and polymerized forms of CARD9 reveal mechanisms of CARD9 and CARD11 activation.

Nat Commun 10, 3,070.

**Maitra D et al. (2019).**

Oxygen and conformation dependent protein oxidation and aggregation by porphyrins in hepatocytes and light-exposed cells.

Cell Mol Gastroenterol Hepatol 8, 659–682.

**Oko LM et al. (2019).**

Multidimensional analysis of Gammaherpesvirus RNA expression reveals unexpected heterogeneity of gene expression.

PLoS Pathog 15, e1007849.

**Peterson BG et al. (2019).**

Cycles of autoubiquitination and deubiquitination regulate the ERAD ubiquitin ligase Hrd1.

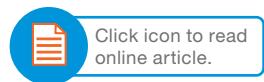
Elife 8, e50903.

**Sandoval J et al. (2019).**

Toxic acetaminophen exposure induces distal lung ER stress, proinflammatory signaling, and emphysematous changes in the adult murine lung.

Oxid Med Cell Longev 2019, 7595126.





**Seifert LL et al. (2019).**

The ETS transcription factor ELF1 regulates a broadly antiviral program distinct from the type I interferon response.

PLoS Pathog 15, e1007634.



**Venkatesan S et al. (2019).**

Detecting and characterizing protein self-assembly *in vivo* by flow cytometry.

J Vis Exp 149, e59577.



**Wu Q et al. (2019).**

Translation affects mRNA stability in a codon-dependent manner in human cells.

eLife 8, e45396.



## 2020

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**Li M et al. (2020).**

Aconitine induces cardiotoxicity through regulation of calcium signaling pathway in zebrafish embryos and in H9c2 cells.

J Appl Toxicol 40, 780–793.



**Li M et al. (2020).**

Macrophage polarization plays roles in bone formation instructed by calcium phosphate ceramics.

J Mater Chem B 8, 1,863–1,877.



**Nuckolls NL et al. (2020).**

The *wtf4* meiotic driver utilizes controlled protein aggregation to generate selective cell death.

Elife 9, e55694.



**Pardo M et al. (2020).**

Mechanisms of lung toxicity induced by biomass burning aerosols.

Part Fibre Toxicol 17, 4.



**Roberts S et al. (2020).**

Optoacoustic imaging of glucagon-like peptide 1 receptor with a near-infrared exendin-4 analog.

J Nucl Med [published ahead of print October 23, 2020]. Accessed November 30, 2020.

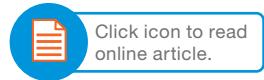


**Scruggs AM et al. (2020).**

The role of KCNMB1 and BK channels in myofibroblast differentiation and pulmonary fibrosis.

Am J Respir Cell Mol Biol 62, 191–203.





**Su S et al. (2020).**

An IFT20 mechanotrafficking axis is required for integrin recycling, focal adhesion dynamics, and polarized cell migration.

Mol Biol Cell 31, 1,917–1,930.



**Tracy AN et al. (2020).**

Genome to phenotype tools: In vivo and in vitro transfection of *Crassostrea virginica* hemocytes.

Fish Shellfish Immunol 103, 438–441.



**Wen Y et al. (2020).**

RPTP $\alpha$  phosphatase activity is allosterically regulated by the membrane-distal catalytic domain.

J Biol Chem 295, 4,923–4,936.



**Wu H et al. (2020).**

Copper sulfate-induced endoplasmic reticulum stress promotes hepatic apoptosis by activating CHOP, JNK and caspase-12 signaling pathways.

Ecotoxicol Environ Saf 191, 110236.



**Wu Q et al. (2020).**

Translation of small downstream ORFs enhances translation of canonical main open reading frames.

EMBO J 39, e104763.



**Yang S et al. (2020).**

PTPN22 phosphorylation acts as a molecular rheostat for the inhibition of TCR signaling.

Sci Signal 13, eaaw8130.



**Yeung J et al. (2020).**

Omega-6 DPA and its 12-lipoxygenase-oxidized lipids regulate platelet reactivity in a nongenomic PPAR $\alpha$ -dependent manner.

Blood Adv 4, 4,522–4,537.



## Microbiology, Parasitology, and Virology

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### 2018

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**Mishek HP et al. (2018).**

Development of a chemically-defined minimal medium for studies on growth and protein uptake of *Gemmata obscuriglobus*.

J Microbiol Methods 145, 40–46.

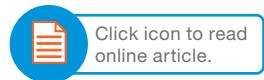


**Todd RT et al. (2018).**

Flow cytometry analysis of fungal ploidy.

Curr Protoc Microbiol 50, e58.





## 2019

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### **Chandrasekaran A et al. (2019).**

Age-dependent effects of immunoproteasome deficiency on mouse adenovirus type 1 pathogenesis.  
J Virol 93, e00569-19.



### **Chen QW et al. (2019).**

Direct and indirect inhibition effects of resveratrol against *Toxoplasma gondii* tachyzoites *in vitro*.  
Antimicrob Agents Chemother 63, e01233-18.



### **Cohen D et al. (2019).**

Cyclic GMP-AMP signalling protects bacteria against viral infection.  
Nature 574, 691–695.



### **Gudde LR et al. (2019).**

Sterol synthesis is essential for viability in the planctomycete bacterium *Gemmata obscuriglobus*.  
FEMS Microbiol Lett 366, fnz019.



### **Mushnikov NV et al. (2019).**

Inducible asymmetric cell division and cell differentiation in a bacterium.  
Nat Chem Biol 15, 925–931.



### **Todd RT et al. (2019).**

Genome plasticity in *Candida albicans* is driven by long repeat sequences.  
eLife 8, e45954.



## 2020

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### **Crocker DR et al. (2020).**

Biological influence on  $\delta^{13}\text{C}$  and organic composition of nascent sea spray aerosol.  
ACS Earth Space Chem 4, 1,686–1,699.



### **Franke JD et al. (2020).**

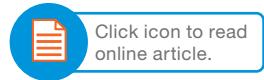
Erythrosin B: A versatile colorimetric and fluorescent vital dye for bacteria.  
Biotechniques 68, 7–13.



### **Hasenecz ES et al. (2020).**

Marine bacteria affect saccharide enrichment in sea spray aerosol during a phytoplankton bloom.  
ACS Earth Space Chem 4, 1,638–1,649.





**Nair N et al. (2020).**

A mouse model of sublethal leptospirosis: Protocols for infection with *Leptospira* through natural transmission routes, for monitoring clinical and molecular scores of disease, and for evaluation of the host immune response.



Curr Protoc Microbiol 59, e127.

**Navaratna T et al. (2020).**

Directed evolution using stabilized bacterial peptide display.  
J Am Chem Soc 142, 1,882–1,894.



**Ngono AE et al. (2020).**

CD8+ T cells mediate protection against Zika virus induced by an NS3-based vaccine.  
Sci Adv 6, eabb2154.



**Painter MM et al. (2020).**

Concanamycin A counteracts HIV-1 Nef to enhance immune clearance of infected primary cells by cytotoxic T lymphocytes.  
Proc Natl Acad Sci USA 117, 23,835–23,846.



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