

# Juliet Morrison, Ph.D.

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## EDUCATION

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| <b>Columbia University</b> , New York, NY<br>Department of Microbiology and Immunology<br>Ph.D., Microbiology, 2009<br>M.Phil., Microbiology, 2006<br>M.A., Microbiology, 2005 | 2003-2009 |
| <b>Bard College</b> , Annandale-on-Hudson, NY<br>B.A., Biology, 2003                                                                                                           | 1999-2003 |

## EXPERIENCE

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| <b>Assistant Professor</b><br><i>University of California Riverside, Department of Microbiology and Plant Pathology, Riverside, CA</i> <ul style="list-style-type: none"><li>Principal investigator of a lab that studies the dynamics of lung immune cell populations during influenza virus infections; discovered that pleural macrophages can enter the lung to promote recovery during influenza virus infections; researching how emerging and re-emerging viruses antagonize innate immune pathways to promote viral replication.</li><li>Train, supervise, and mentor graduate and undergraduate students as well as postdoctoral scientists; informally mentored 10+ underrepresented minority students and postdocs</li><li>Teach 2-3 courses per year to 10-500+ students in classes ranging from Freshman Seminar to Introductory Biology to graduate-level Virology; designed and currently teach an upper-level undergraduate viral immunology course entitled “<i>Host Responses to Viral Pathogens</i>”; earned excellent student evaluations for teaching</li><li>Partnered with cross-sectional teams to rapidly design and execute, in a resource-constrained environment, a State of California compliant COVID-19 testing facility; the facility was able to fill a critical gap in the health and safety capabilities of UCR and facilitated the safe re-entry of key staff and students to campus</li><li>Advance student recruitment and retention efforts by promoting UCR and the Microbiology major to prospective students and their parents each year through outreach activities such as Highlander Day and Discovery Day and service activities like the Microbiology Graduate Admissions Committee</li></ul> | 2018-present |
| <b>Trustee</b><br><i>Bard College Board of Trustees, Annandale-on-Hudson, NY</i> <ul style="list-style-type: none"><li>Provide strategic leadership for Bard College, an innovative liberal arts college committed to enriching culture, public life, and democratic discourse by training tomorrow’s thought leaders</li><li>Member of the Board’s Investment Committee, which provides oversight of endowment pledges and investment earnings</li><li>Member of the President’s Committee on Equitable Access to Higher Education, which advises the President on strategies for maintaining equitable access to a Bard education</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2021-present |
| <b>Associate Research Scientist</b><br><i>Columbia University, Mailman School of Public Health, New York, NY</i> <ul style="list-style-type: none"><li>Designed and implemented projects using computational approaches to identify host pathways that can be therapeutically targeted to ameliorate severe dengue and influenza disease</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2016-2018    |

- Managed the Select Agent and BSL-3 biocontainment programs at the Center for Infection and Immunity
- Directly supervised lab technicians

**Scientific Project Manager / Post-doctoral Scientist** 2013-2016

*University of Washington, Department of Microbiology, Seattle, WA*

- Managed collaborative influenza research projects funded through a NIAID Centers for Excellence in Influenza Research and Surveillance (CEIRS) program subcontract
- Trained and mentored 3 postdoctoral scientists
- Led the design and execution of studies to identify gene expression signatures that are predictive of disease outcomes during dengue and influenza virus infections; discovered that a three-pronged transcriptional signature in the lung correlates with influenza disease severity
- Guest lectured in undergraduate virology classes

**Post-doctoral Scientist** 2009-2013

*Icahn School of Medicine at Mount Sinai, Department of Microbiology, New York, NY*

- Discovered two novel and disparate mechanisms whereby the NS5 proteins of flaviviruses inhibit interferon signaling
- Trained and mentored graduate and undergraduate students
- Ran a journal club for post-baccalaureate students in a Post-Baccalaureate Research Education Program
- Prepared scientific and market reports relating to faculty inventions as an intern in the Technology Transfer Office

**Graduate Research Scientist** 2003-2009

*Columbia University, Department of Microbiology and Immunology, New York, NY*

- Discovered that enteroviruses use their 2A protease to evade host immune responses
- Trained and mentored undergraduate and junior graduate students

**Teaching Assistant** 2004

*Columbia University, Department of Microbiology and Immunology, New York, NY*

- Organized review sessions and simplified concepts for graduate students in a microbial genetics course
- Ran a journal club for graduate students

**HONORS AND AWARDS**

Senate Omnibus Travel Award, University of California Riverside	2023
John and Samuel Award in Science and Medicine, Bard College	2020
Regents Faculty Fellowship, University of California Riverside	2020
American Association of Immunologists Minority Scientist Travel Award	2019
Calderone Junior Faculty Award, Columbia Mailman School of Public Health	2017
Women in STEM Award, Bronx Community College	2017
Microsoft #DoMore campaign	2015
Award for best talk - GHEPI Symposium, Icahn School of Medicine at Mount Sinai	2012
International Union of Microbiological Societies travel award	2011
American Society for Virology travel grant	2008
American Society for Virology travel grant	2006
Heinrich Bluecher Prize, Bard College	2003
Irma Brandeis Prize, Bard College	2003

Distinguished Scientist Scholarship, Bard College

1999-2003

## INVITED TALKS AND LECTURES

<b>Pleural macrophages promote recovery from influenza virus infection.</b> <i>American Society for Virology Annual Meeting, Athens, GA</i>	06/2023
<b>Pleural macrophages contribute to influenza recovery.</b> <i>Biology Seminar Series, La Sierra University, Riverside, CA</i>	03/2023
<b>Pleural macrophages promote recovery from influenza virus infection.</b> <i>Southern California Microbiome Symposium, University of California Irvine, Irvine, CA</i>	09/2022
<b>Pleural macrophages promote recovery from influenza virus infection.</b> <i>Microbiology Week, LabRoots, Online</i>	09/2022
<b>COVID-19. Colloquium on the Principles of Plant Pathology, UCR, Online</b>	04/2022
<b>Careers in science. Third Annual HER Story Panel, Brooklyn P.S./I.S.184, Online</b>	03/2022
<b>How I became a virologist and professor. Posted Up, Post Grad!</b> <i>Bard Black Body Experience Council, Online</i>	03/2022
<b>A role for pleural macrophages in influenza resolution. Biology Seminar Series, Bard College, Online</b>	09/2021
<b>Cellular drivers of recovery from influenza virus infection.</b> <i>American Association of Immunologists Annual Meeting, Online</i>	05/2021
<b>COVID vaccines and beyond.</b> <i>College of Natural and Agricultural Sciences Science Lecture Series, UCR, Online</i>	04/2021
<b>COVID-19. Introductory Microbiology, UCR, Online</b>	02/2021
<b>COVID-19 testing overview. VuMedi, Online</b>	01/2021
<b>Faculty panel discussion. Research and Scholarship Ethics, UCR, Online</b>	12/2020
<b>COVID-19. Microbes and Society, UCR, Online</b>	12/2020
<b>From Jamaica to UCR: My scientific journey.</b> <i>American Society for Microbiology UCR Student Chapter Meeting, Online</i>	12/2020
<b>Host responses to influenza virus. MORE Programs Seminar, CSU Los Angeles, Online</b>	11/2020
<b>Innate immune drivers of influenza severity. Black In Immuno Week, Online</b>	11/2020
<b>COVID-19 vaccines landscape. Annual Ultimate Biomed Retreat, UCR, Online</b>	10/2020
<b>Lung immune cells as drivers of influenza outcomes. Microbiology Week, LabRoots, Online</b>	09/2020
<b>A role for pleural macrophages in influenza? Verena Lightning Talks, The Viral Emergence Research Initiative, Online</b>	09/2020
<b>Influenza and COVID-19 vaccines. Influenza and COVID-19 Co-infections, MJH Healthcare, Online</b>	09/2020
<b>Host responses to viruses. Disease and History, City College of New York, Online</b>	07/2020
<b>What you need to know about COVID-19. Colloquium on the Principles of Plant Pathology, UCR, Online</b>	04/2020
<b>Host responses to influenza virus. Biology Seminar Series, CSU Dominguez Hills,</b>	

<i>Dominguez Hills, CA</i>	10/2019
<b>A role for pleural macrophages in influenza?</b> <i>Microbiome Initiative Symposium, UCR, Riverside, CA</i>	09/2019
<b>STAT2 determines yellow fever virus tropism.</b> <i>American Association of Immunologists Annual Meeting, San Diego, CA</i>	05/2019
<b>Host-specific NS5 ubiquitination determines yellow fever virus tropism.</b> <i>Center for Infectious Disease and Vector Research Retreat, Riverside, CA</i>	04/2019
<b>Host defense versus viral offense: Influenza edition.</b> <i>Microbiology Seminar Series, UCR, Riverside, CA</i>	10/2018
<b>Host molecular and immune cell drivers of viral disease severity.</b> <i>Mammalian Virology Seminar, UCR, Riverside, CA</i>	03/2018
<b>A discussion of HeLa cells in biomedical research.</b> <i>STEM Series, Bronx Community College, Bronx, NY</i>	11/2017
<b>Host molecular and immunological drivers of viral disease severity.</b> <i>RIPS/NYICE Seminar Series, University of Rochester, Rochester, NY</i>	10/2016
<b>Immunological parameters that associate with severe influenza disease or recovery.</b> <i>Annual Network Meeting, NIAID Centers for Excellence in Influenza Research, Memphis, TN</i>	06/2016
<b>Identification of immune cell types that associate with severe influenza disease or recovery in mice using digital cell quantification.</b> <i>Biology of Acute Respiratory Infection, Gordon Research Conference, Galveston, TX</i>	02/2016
<b>Digital cell quantification and hypothesis generation: A case of the flu.</b> <i>Biology of Acute Respiratory Infection, Gordon Research Seminar, Galveston, TX</i>	02/2016
<b>Identification of immune cell types that associate with severe influenza disease or recovery in mice using digital cell quantification.</b> <i>Annual Network Meeting, NIAID Centers for Excellence in Influenza Research, Rochester, NY</i>	07/2015
<b>Dengue virus co-opts UBR4 to antagonize type I IFN signaling.</b> <i>Viruses and Cells, Gordon Research Conference, Lucca, Italy</i>	05/2013
<b>Inhibition of type I IFN signaling by dengue virus and yellow fever virus.</b> <i>Northeast Biodefense Center Annual Meeting, NIAID Northeast Biodefense Center, New York, NY</i>	10/2012
<b>Dengue virus co-opts UBR4 to antagonize type I IFN signaling.</b> <i>Global Health and Emerging Pathogens Institute Symposium, Icahn School of Medicine at Mount Sinai, New York, NY</i>	07/2012
<b>Type I interferon activates the interferon antagonist function of yellow fever virus NS5 protein.</b> <i>International Union of Microbiology Symposium, International Union of Microbiology, Sapporo, Japan</i>	09/2011
<b>STAT2 is a determinant of dengue virus and yellow fever virus host tropism.</b> <i>A Re-Emerging Challenge: New Opportunities for Dengue Research Collaboration, NIH/NIAID, San Juan, Puerto Rico</i>	02/2011
<b>Inhibition of type I interferon signaling by the NS5 proteins of mosquito-borne flaviviruses.</b> <i>NIH/NIAID Workshop in Dengue Virus Infection and Immunity, NIH/NIAID, Portland, OR</i>	08/2010
<b>Enteroviral antagonism of the type I interferon response.</b> <i>Biology Seminar Series,</i>	

Bard College, Annandale-on-Hudson, NY

10/2009

<b>ACADEMIC SERVICE AND COMMUNITY ENGAGEMENT</b>
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**Professional Societies:**

American Association of Immunologists, <i>member</i>	2019-present
▪ Committee on the Status of Women	2021-present
▪ Co-organizer; Careers in Science Roundtable	2021-present
▪ Table leader; Annual Meeting, <i>Careers in Science Roundtable: Graduate student to Postdoc</i>	2022
▪ Table leader; Annual Meeting, <i>Careers in Science Roundtable: Postdoc to PI</i>	2021
▪ Table leader; Annual Meeting, <i>Careers in Science Roundtable: Building Networks for Postdocs</i>	2019
American Society for Virology, <i>member</i>	2005-present

**Professional Conference Organizing:**

Microbiology Virtual Week, LabRoots	2021
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**University Service**

Member, Microbiology Awards Committee, UCR	2020-present
Member, Biomedical Sciences Graduate Program, UCR	2020-present
Member, Cellular, Molecular and Developmental Biology Graduate Program, UCR	2019-present
Member, Microbiology Graduate Program, UCR	2018-present
Member, Microbiology Graduate Program Admissions Committee, UCR	2018-present
Discovery Day, UCR	10/2023
Commencement, Bard College	05/2023
Discovery Day, UCR	10/2022
UCR Faculty Representative, House Energy and Commerce Subcommittee on Health	08/2022
Commencement, UCR	06/2022
Highlander Day, UCR	04/2022
College of Natural & Agricultural Sciences Faculty/Student Mixer, UCR	10/2021
Mentor, Career Mentoring of Underrepresented STEM Students for the Professoriate, UCR	2021-2022
COVID-19 Testing Center setup, UCR	2020
Highlander Day, UCR	04/2019
BSL3 Subcommittee, UCR	2018-2019
New Student Convocation, UCR	09/2018

**Grant Panel Reviews:**

NIH Special Emphasis Panel “Exploration of Antimicrobial Therapeutics and Resistance”	2021
Congressionally Directed Medical Research Programs PRMRP “Clinical Trial Viral Infectious Disease” Panel	2020

Congressionally Directed Medical Research Programs PRMRP  
“Vaccine Development for Infectious Disease” Panel 2017

Congressionally Directed Medical Research Programs PRMRP  
“Emerging Infectious Diseases” Panel 2016

**Guest Editorships:**

*Current Research in Virological Science*: “Interferon Responses: From Cells to Systems” 2021

*Viruses*: “Host Factors in Viral Infections” 2020-2021

*Vaccines*: “Host Responses to Viral Infection” 2017

**Manuscript Reviews:**

*mBio*; *Cell*; *PLOS Pathogens*; *Virology*; *Virus Research*; *Journal of Virology*; *PNAS*;  
*Frontiers in Immunology*; *ACS Infectious Diseases*; *Nature Communications*; among others 2009-present

**Instructor:**

Post-Baccalaureate Research Education Program,  
Icahn School of Medicine at Mount Sinai, New York, NY 2011-2013

**Tutor:**

Science and Technology Entry Program, Barnard College, New York, NY 2007

Bard Prison Initiative, Annandale-on-Hudson, NY 2002-2003

**Science Fair Coach:**

Mott Hall School, New York, NY 2007

**SCIENTIFIC PUBLICATIONS**

**Research Manuscripts:**

1. Pawlak JB, Hsu JC, Xia H, Han P, Suh HW, Grove TL, Morrison J, Shi PY, Cresswell P, Laurent-Rolle M. **CMPK2 restricts Zika virus replication by inhibiting viral translation.** *PLoS Pathogens*. 2023. 19(4):e1011286.
2. Stumpff II JP, Kim SY, Forero A, Nishida A, Steurman Y, Gat-Viks I, Nair MG, Morrison J. **Pleural macrophages promote recovery from influenza virus infection.** *BioRxiv*. 2022. <https://doi.org/10.1101/2022.05.25.493482>  
Currently in final stages of revision at PNAS as of 10/12/2023
3. Rathore APS, Mantri CK, Tan MW, Shirazi R, Nishida A, Aman SAB, Morrison J\*, St John AL\*. **Immunological and pathological landscape of dengue serotypes 1-4 infections in immune-competent mice.** *Frontiers in Immunology*. 2021;12:681950. \*corresponding authorship
4. Coban M, Morrison J, Maharjan S, Hernandez Medina DH, Li W, Zhang YS, Freeman WD, Radisky ES, Le Roch KG, Weisend CM, Ebihara H, Caulfield TR. **Attacking COVID-19 progression using multi-drug therapy for synergetic target engagement.** *Biomolecules*. 2021;11(6):787.
5. Hai R, Collin M, Tsau S, Raygoza D, Morrison J, Carrillo AJ, Collier LA, Bayubay W, Han K, Kaloshian I, Borkovich KA. **Laboratory-developed test for SARS-CoV-2 using saliva samples at the University of California, Riverside.** *MedRxiv*. 2021. <https://www.medrxiv.org/content/10.1101/2021.02.21.21251691v1>
6. Price A, Caciula A, Guo C, Lee B, Morrison J, Rasmussen A, Lipkin WI, Jain K. **DEvis: an R package for aggregation and visualization of differential expression data.** *BMC Bioinformatics*. 2019;20(1):110.

7. Miorin L, Laurent-Rolle M, Pisanelli G, Co PH, Albrecht RA, García-Sastre A, Morrison J. **Host-specific NS5 ubiquitination determines yellow fever virus tropism.** *Journal of Virology*. 2019;93(14).
8. Gorman MJ, Caine EA, Zaitsev K, Begley MC, Weger-Lucarelli J, Uccellini MB, Tripathi S, Morrison J, Yount BL, Dinno III KH, Rückert C, Young MC, Zhu Z, Robertson SJ, McNally KL, Ye J, Cao B, Mysorekar IU, Ebel GB, Baric RS, Best SM, Artyomov MN, García-Sastre A, Diamond MS. **An immunocompetent mouse model of Zika virus infection.** *Cell Host and Microbe*. 2018;23(5):672-685 e676.
9. Morrison J, Rathore APS, Mantri CK, Aman SAB, Nishida A, St John AL. **Transcriptional profiling confirms the therapeutic effects of mast cell stabilization in a dengue disease model.** *Journal of Virology*. 2017;91(18).
10. Langevin S, Pichon M, Smith E, Morrison J, Bent Z, Green R, Barker K, Solberg O, Gillet Y, Javouhey E, Lina B, Katze MG, Josset L. **Early nasopharyngeal microbial signature associated with severe influenza in children: a retrospective pilot study.** *Journal of General Virology*. 2017;98(10):2425-2437.
11. Koday MT, Leonard JA, Munson P, Forero A, Koday M, Bratt DL, Fuller JT, Murnane R, Qin S, Todd A, Reinhart TA, Duus K, Messaoudi I, Hartman AL, Stefano-Cole K, Morrison J, Katze MG, Fuller DH. **Multigenic DNA vaccine induces protective cross-reactive T cell responses against heterologous influenza virus in nonhuman primates.** *PLoS One*. 2017;12(12):e0189780.
12. Forero A, Fenstermacher K, Wohlgemuth N, Nishida A, Carter V, Smith EA, Peng X, Hayes M, Francis D, Treanor J, Morrison J, Klein SL, Lane A, Katze MG, Pekosz A. **Evaluation of the innate immune responses to influenza and live-attenuated influenza vaccine infection in primary differentiated human nasal epithelial cells.** *Vaccine*. 2017;35(45):6112-6121.
13. Wang K, Langevin S, O'Hern CS, Shattuck MD, Ogle S, Morrison J, Slayden R, Katze MG, Kirby M. **Anomaly detection in host signaling pathways for the early prognosis of acute infection.** *PLoS One*. 2016;11(8):e0160919.
14. Tisoncik-Go J, Gasper DJ, Kyle JE, Einfeld AJ, Selinger S, Hatta M, Morrison J, Zink EM, Kim YM, Schepmoes AA, Purvine SO, Weitz KK, Green RR, Tilton SC, Webb-Robertson BJ, Waters KM, Metz TO, Smith RD, Kawaoka Y, Suresh M, Josset L, Katze MG. **Integrated Omics analysis of pathogenic host responses during pandemic H1N1 influenza virus infection: The crucial role of lipid metabolism.** *Cell Host and Microbe*. 2016;19(2):254-266.
15. Pisanelli G, Laurent-Rolle M, Manicassamy B, Belicha-Villanueva A, Morrison J, Lozano-Dubernard B, Castro-Peralta F, Iovane G, García-Sastre A. **La Piedad Michoacan Mexico Virus V protein antagonizes type I interferon response by binding STAT2 protein and preventing STATs nuclear translocation.** *Virus Research*. 2016;213:11-22.
16. Forero A, Tisoncik-Go J, Watanabe T, Zhong G, Hatta M, Tchitchek N, Selinger C, Chang J, Barker K, Morrison J, Berndt J, Moon R, Josset L, Kawaoka Y, Katze MG. **The 1918 influenza virus PB2 protein enhances virulence through the disruption of inflammatory and Wnt-mediated signaling in mice.** *Journal of Virology*. 2015;90(5):2240-2253.
17. Xiong H, Morrison J, Ferris MT, Gralinski LE, Whitmore AC, Green RR, Thomas MJ, Tisoncik-Go J, Schroth GP, Pardo-Manuel de Villena F, Baric RS, Heise MT, Peng X, and Katze MG. **Genomic profiling of collaborative cross founder mice infected with respiratory viruses reveals novel transcripts and infection-related strain-specific gene and isoform expression.** *G3 (Bethesda)*. 2014;4(8):1429-1444.
18. Rajsbaum R, Versteeg GA, Schmid S, Maestre AM, Belicha-Villanueva A, Martinez-Romero C, Patel JR, Morrison J, Pisanelli G, Miorin L, Laurent-Rolle M, Moulton HM, Stein DA, Fernandez-Sesma A, tenOever BR, and García-Sastre A. **Unanchored K48-linked polyubiquitin synthesized by the E3-ubiquitin ligase TRIM6 stimulates the interferon-IKKeppilon kinase-mediated antiviral response.** *Immunity*. 2014;40(6):880-895.

19. Morrison J, Josset L, Tchitchek N, Chang J, Belser JA, Swayne DE, Pantin-Jackwood MJ, Tumpey TM, Katze MG. **H7N9 and other pathogenic avian influenza viruses elicit a three-pronged transcriptomic signature that is reminiscent of 1918 influenza virus and is associated with lethal outcome in mice.** *Journal of Virology*. 2014;88(18):10556-10568.
20. Laurent-Rolle M\*, Morrison J\*, Rajsbaum R, Macleod JM, Pisanelli G, Pham A, Ayllon J, Miorin L, Martinez-Romero C, tenOever BR, García-Sastre A. **The interferon signaling antagonist function of yellow fever virus NS5 protein is activated by type I interferon.** *Cell Host and Microbe*. 2014;16(3):314-327. \*authors contributed equally
21. Morrison J\*, Laurent-Rolle M\*, Maestre AM, Rajsbaum R, Pisanelli G, Simon V, Mulder L, Fernandez-Sesma A, García-Sastre A. **Dengue virus co-opts UBR4 to degrade STAT2 and antagonize type I interferon signaling.** *PLoS Pathogens*. 2013;9(3):e1003265. \*authors contributed equally
22. Ashour J, Morrison J, Laurent-Rolle M, Belicha-Villanueva A, Plumlee CR, Bernal D, Williams K, Harris E, Fernandez-Sesma A, Schindler C, García-Sastre A. **Mouse STAT2 restricts early dengue virus replication.** *Cell Host and Microbe*. 2010;8(5):410-421.
23. Morrison JM, Racaniello VR. **Proteinase 2A<sup>pro</sup> is essential for enterovirus replication in type I interferon-treated cells.** *Journal of Virology*. 2009;83(9):4412-4422.
24. Barral PM, Morrison JM, Drahos J, Gupta P, Sarkar D, Fisher P, Racaniello V. **MDA-5 is cleaved in poliovirus-infected cells.** *Journal of Virology*. 2007;81(8):3677-3684.
25. Lin F\*, Morrison JM\*, Wu W\*, Worman HJ. **MAN1, an integral protein of the inner nuclear membrane, binds Smad2 and Smad3 and antagonizes transforming growth factor-beta signaling.** *Human Molecular Genetics*. 2005;14(3):437-445. \*authors contributed equally

#### **Book Chapters and Reviews:**

1. Hay-McCullough E, Morrison J. **Contributions of ubiquitin and ubiquitination to flaviviral antagonism of type I IFN.** *Viruses*. 2021;13(5):763.
2. Laurent-Rolle M, Morrison J. **The role of NS5 protein in determination of host cell range for yellow fever virus.** *DNA and Cell Biology*. 2019;38(12):1414-1417.
3. Morrison J, Plotkin S. **Viral vaccines and systems vaccinology.** *In: Viral Pathogenesis: From Basics to Systems Biology, 3rd Edition*. Elsevier; 2016.
4. Morrison J, Katze MG. **Gene expression signatures as a therapeutic target for severe H7N9 influenza - what do we know so far?** *Expert Opinion on Therapeutic Targets*. 2015;19(4):447-450.
5. Morrison J, Garcia-Sastre A. **STAT2 signaling and dengue virus infection.** *JAKSTAT*. 2014;3(1):e27715.
6. Morrison J, Aguirre S, Fernandez-Sesma A. **Innate immunity evasion by dengue virus.** *Viruses*. 2012;4(3):397-413.
7. Laurent-Rolle M, Morrison J, Garcia-Sastre A. **Innate immunity and flavivirus infection.** *In: Molecular Virology and Control of Flaviviruses*. Caister Academic Press; 2012.

#### **EXPERT OPINIONS IN POPULAR MEDIA**

##### **Op-Eds:**

1. Linsey Marr, Juliet Morrison, and Caitlin Rivers. **When do I need a Covid face mask?** *New York Times*. 05/2021
2. Linsey Marr, Juliet Morrison, and Caitlin Rivers. **I got my Covid vaccine. Now can I hug my mom?** *New York Times*. 03/2021



**Print Media:**

1. **Tattoos do odd things to the immune system.** *The Atlantic*. Written by Katherine Wu. 03/2023
2. **Fauci: recent paper doesn't suggest COVID vaccines ineffective.** *Associated Press*. Written by Philip Marcelo. 02/2023
3. **Why the odds are stacked against a promising new covid drug.** *New York Times*. Written by Benjamin Mueller. 02/2023
4. **The coronavirus has one strategy we can't vaccinate against.** *The Atlantic*. Written by Katherine Wu. 08/2022
5. **My family got covid. So why did we test negative?** *New York Times*. Written by Melinda Wenner Moyer. 06/2022
6. **To mask, or not to mask? UC Riverside scientists on how to proceed without mandates.** *UCR News*. Written by Jules Bernstein. 04/2022
7. **The shifting sands of 'gain-of-function' research.** *Nature*. Written by Amber Dance. 11/2021
8. **Sending kids back to school: is it too soon? Experts weigh in on whether reopening is premature.** *UCR News*. Written by Jules Bernstein. 08/2021
9. **Sharing bar soap isn't as gross as you think, according to a microbiologist.** *Well+Good*. Written by Dominique Michelle Astorino. 08/2021
10. **Vaccines are terrific, but where are the COVID-19 treatments?** *Los Angeles Times*. Written by Deborah Netburn. 07/2021
11. **Your vaccinated immune system is ready for breakthroughs.** *The Atlantic*. Written by Katherine J. Wu. 07/2021
12. **How concerned should we be about the Delta variant? UC Riverside experts share their thoughts.** *UCR News*. Written by Iqbal Pittalwala. 07/2021
13. **After racing to help the world understand Covid-19, scientists grapple with how to pick up the research they put on hold.** *STAT*. Written by Andrew Joseph. 06/2021
14. **COVID-19 vaccine makers are looking beyond the spike protein.** *The Atlantic*. Written by Katherine J. Wu. 05/2021
15. **As the COVID-19 pandemic evolves, we answer 7 lingering vaccine questions.** *Science*. Written by Erin Garcia de Jess, Jonathan Lambert, and Tina Hesman Saey. 05/2021
16. **Show your immune system some love.** *The Atlantic*. Written by Katherine J. Wu. 04/2021
17. **Yes, vaccines block most transmission of COVID-19.** *National Geographic*. Written by Tara Haelle. 04/2021
18. **Plan to ditch the mask after vaccination? Not so fast.** *New York Times*. Written by Apoorva Mandavilli. 03/2021
19. **Twins with Covid help scientists untangle the disease's genetic roots.** *New York Times*. Written by Katherine J. Wu. 01/2021
20. **Experts weigh in on whether COVID-19 is here to stay.** *UCR News*. Written by Iqbal Pittalwala. 01/2021
21. **San Diego County's casinos stay open as COVID-19.** *inewssource*. Written by Camille Von Kaenel. 12/2020

22. **Tribal casinos remain open as SoCal adjusts to shutdown order.** *Palm Springs Desert Sun*. Written by Amanda Ulrich. 12/2020
23. **The coronavirus at 1: A year into the pandemic, what scientists know about how it spreads, infects, and sickens.** *STAT*. Written by Andrew Hale. 12/2020
24. **The stress of being a young, female scientific expert during Covid-19.** *Forbes*. Written by Jessica Gold. 11/2020
25. **After Biden's exposure to Trump, his team is cagey on health questions.** *New York Times*. Written by Thomas Kaplan, Apoorva Mandavilli, and Katie Glueck. 10/2020
26. **UC Riverside unveils on-campus coronavirus testing lab.** *Press Enterprise*. Written by David Downey. 10/2020
27. **The road ahead: Charting the coronavirus pandemic over the next 12 months — and beyond.** *STAT*. Written by Andrew Joseph. 09/2020
28. **Campus COVID-19 testing lab to open -- Team assembled equipment from scratch.** *Inside UCR*. Written by Imran Ghori. 08/2020
29. **Your coronavirus test is positive. Maybe it shouldn't be.** *New York Times*. Written by Apoorva Mandavilli. 08/2020
30. **Children may carry coronavirus at high levels, study finds.** *New York Times*. Written by Apoorva Mandavilli. 07/2020
31. **An emerging antiviral takes aim at COVID-19.** *C&EN*. Written by Bethany Halford. 05/2020
32. **Hope for the infected.** *UCR News*. Written by Jules Bernstein. 04/2020

#### **Radio:**

*National Public Radio, Inland Edition*. **Juliet Morrison discusses dropping the mask mandates.** Hosted by Lillian Vasquez. 06/2021

#### **Podcasts:**

1. *The Microbe Moment*. Hosted by Elizabeth Deyett. 02/2021
2. *Brains On! American Public Media*. Hosted by Molly Bloom. 09/2021
3. *Beyond the Bench*. Hosted by Jessica Trinh and Madison Sankovitz. 07/2020

#### **Other Media:**

*Reddit*. **#AMA - Ask me anything**; answered vaccine questions in real time. 03/2021