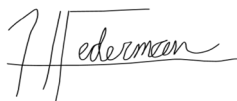


Weill Cornell Medical College, Cornell University
Non-Faculty Academic Staff Curriculum Vitae Template

Name: Hannah Glenn Federman

Signature:



Date of Preparation: 11/04/2024

A. PERSONAL DATA

Office address:	1300 York Ave LC608
Office telephone:	N/A
Work email:	hgf4001@med.cornell.edu
Home address:	220 E 36 th St. Apartment D4, New York, NY 10016
Cell phone:	619-850-3960
Personal email:	hannah.federman@gmail.com
Is your eligibility to work in the U.S. based on an employment visa?:	Yes/ No
If yes, please provide Visa type (Example: J-1, H-1B, E-3, TN, etc.):	N/A

B. EDUCATION

Academic Degree(s)

Degree, include field of study	Institution	Dates attended	Year Awarded
Doctor of Philosophy (PhD), Infection, Inflammation, and Immunity	Rutgers New Jersey Medical School, School of Graduate Studies, Newark, New Jersey	08/2018-12/2023	2024
Masters of Science (MS), Biomedical Sciences	Rutgers University, Graduate School of Biomedical Sciences, Newark, New Jersey	08/2016-08/2018	2018
Bachelors of Science (BS), Human Biology	University of California, San Diego San Diego, California	08/2011-05/2015	2015

Other Educational Experiences

Description	Institution, <i>city and state</i>	Dates attended (mm/yy – mm/yy)
Public Health Internship	Child Family Health International, Cape Town, South Africa	11/15-12/15

C. POSTDOCTORAL TRAINING

Title, include area of training	Institution, <i>city and state</i>	Dates (<i>mm/yy - mm/yy</i>)
Postdoctoral Trainee, Pediatric Nephrology	Weill Cornell Medical College New York, NY	02/24-current

D. PROFESSIONAL POSITIONS & EMPLOYMENT

Academic appointments

Title	Institution, <i>city and state</i>	Dates (<i>mm/yy - mm/yy</i>)
Postdoctoral Trainee	Weill Cornell Medical College, New York, NY	02/24-current
Research Assistant	UCSD Medical School, Rheumatology and Allergy, San Diego, CA	03/15-07/16
Research Assistant	Rutgers New Jersey Medical School, Center for Cell Signaling, Newark, NJ	05/17-08/18
Technique Rotation	UCSD Medical School, Neuroscience, San Diego, CA	05/20-07/20

Hospital Appointments N/A

Other Professional Positions & Employment

Title	Institution, <i>city and state</i>	Dates (<i>mm/yy - mm/yy</i>)
Activities Assistant	Jacob Healthcare Center	06/17-09/17

E. INSTITUTIONAL/HOSPITAL AFFILIATION

Primary Hospital Affiliation: N/A
Other Hospital Affiliations: N/A
Other Institutional Affiliations: N/A

F. EMPLOYMENT STATUS

Name of Current Employer(s): Weill Cornell Medical College, Department of Pediatrics
Current Employment Status: Postdoctoral Trainee, Division of Nephrology

G. BIBLIOGRAPHY

1. Peer-reviewed Research Articles:

1. Peng J, Sy CB, Ponessa JJ, Lemenze AD, Hernandez CM, Inclan-Rico JM, Sawhney A, **Hannah G Federman**, Chavan K, Espinosa V, Kotenko SV, Rivera A, Siracusa MC. Monocytes maintain central nervous system homeostasis following helminth-induced inflammation. *Proc Natl Acad Sci U S A*. 2022 Sep 13;119(37):e2201645119
2. Wang, L., Sievert, D., Clark, A. E., Lee, S., **Hannah G Federman**, Gastfriend, B. D., Shusta, E. V., Palecek, S. P., Carlin, A. F., Gleeson, J. G. (2021). **A human three-dimensional neural-perivascular ‘assembloid’ promotes astrocytic development and enables modeling of SARS-COV-2 neuropathology.** *Nature Medicine*, 27(9), 1600–1606.
<https://doi.org/10.1038/s41591-021-01443-1>
3. Inclan-Rico JM, Hernandez CM, Henry EK, **Hannah G Federman**, Sy CB, Ponessa JJ, Lemenze AD, Joseph N, Soteropoulos P, Beaulieu AM, Yap GS, Siracusa MC. **“Trichinella spiralis-induced mastocytosis and erythropoiesis are simultaneously supported by a bipotent mast cell/erythrocyte precursor cell.”** *PLoS Pathog*. 2020 May 18
4. Grieves, Jessica L., Zhiwei Yin, Adolfo Garcia-Sastre, Ignacio Mena, Mark E. Peebles, Heidi P. Risman, **Hannah G Federman**, Marvin J. Sandoval, Russell K. Durbin, and Joan E. Durbin. **"A**

viral-vectored RSV vaccine induces long-lived humoral immunity in cotton rats." *Vaccine* 36, no. 26 (2018): 3842-3852.

2. Reviews and Editorials:

1. Peng J, **Hannah G Federman**, Hernandez CM, Siracusa MC. **Communication is key: Innate immune cells regulate host protection to helminths.** *Frontiers in Immunology*. 2022 Sep 26;13:995432. doi: 10.3389/fimmu.2022.995432
2. Mittal S, **Hannah Federman**, Sievert D, Gleeson J. (2021). **The Neurobiology of Modern Viral Scourges: ZIKV and COVID-19.** *The Neuroscientist*. 10:7385842110091.

3. Books: N/A

4. Chapters: N/A

5. Non-peer-reviewed Research Publications: N/A

6. Case Reports N/A

7. In review

Solomon Taye Sima, Lucinda Puebla-Clark, Maria Gonzalez-Orozco, Thomas R. Shelite, **Hannah G. Federman**, Matthew B. Huante, Yazmin B. Martinez-Martinez, Komi Gbedande, Sara M. Dann, Mark A. Endsley, Mark C. Siracusa, Vineet D. Menachery, Janice J. Endsley, Ricardo Rajsbaum and Robin Stephens. **Homeostatic Lung IL-4 Promotes Alternative Macrophage Activation and TGF- β Regulates Cellular Infiltration and Systemic IL-6 in Mouse-adapted SARS-CoV-2 Infection.** Submitted to *Journal of Immunology*.

8. Abstract For the project: *Investigating the role of serotonin 2C in regulating helminth-induced inflammation*. Earned:

Invited speaker, GSA symposium 2023, Honorary Mention
Full talk, Woods Hole Immunoparasitology Conference, April 2023
1st place lightning talk, Woods Hole Immunoparasitology Conference, April 2022
4th place poster presentation, GSA symposium 2021

9. Other N/A