

## Curriculum Vitae

KEN CADWELL, PhD

### Contact Information

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### Appointments and Positions

2010–2015 Assistant Professor, Skirball Institute of Biomolecular Medicine, Department of Microbiology, New York University School of Medicine

2015–2017 Associate Professor, Skirball Institute of Biomolecular Medicine, Department of Microbiology, New York University School of Medicine

2017–2019 Associate Professor with Tenure, Skirball Institute of Biomolecular Medicine, Department of Microbiology, New York University School of Medicine

2019–Present Recanati Family Associate Professor of Microbiology, Skirball Institute of Biomolecular Medicine, Department of Microbiology, New York University Grossman School of Medicine

2019–Present Secondary appointment, Division of Gastroenterology and Hepatology, Department of Medicine, New York University Langone Health

### Education and Training

#### Education

1998	Certificate	Buckley High School	Sherman Oaks, CA
2002	BA	Biological Sciences	Northwestern University Evanston, IL
2006	PhD	Molecular & Cell Biology	University of California, Berkeley Berkeley, CA

#### Postdoctoral Training

04/2007–09/2010 Postdoctoral Fellow, Virology & Immunology, Washington University School of Medicine, St. Louis, MO

### Awards, Honors, and Memberships in Honorary Societies

#### Internal

01/2017 New York University School of Medicine Nextgen Star

01/2019 Recanati Family Endowed Chair

01/2021 2020 Vilcek Student Council Above and Beyond Mentorship Award

#### External

06/2001 URGC Undergraduate Research Grant

06/2002 Graduated with honors in biological sciences, Northwestern University

01/2003 Honorable mention, NSF Graduate Research Fellowship

09/2005 Sigma Xi Science Honor Society pre-doctoral grant

01/2007 Damon Runyon Cancer Research postdoctoral fellowship  
 01/2011 Dale F. Frey Award for Breakthrough Scientists  
 09/2011 Whitehead Fellowship Award  
 09/2013 ICAAC Young Investigator Award, American Society for Microbiology  
 07/2015 Burroughs Wellcome Investigator in the Pathogenesis of Infectious Disease  
 06/2016 Ann Palmenberg Junior Investigator Award, American Society of Virology  
 10/2016 Kenneth Rainin Foundation Innovator Award  
 11/2016 HHMI Faculty Scholar

### **Membership in professional and scientific societies**

2012–2015 American Heart Association, BCVS Council Member  
 2013–Present American Society of Microbiology, Member  
 2016–Present American Society of Virology, Member  
 2016–Present American Association of Immunologists, Member

### **Peer Review Groups, Grant Application Review Groups, and Study Sections**

2013–2015 Bsc2 Study Section, American Heart Association  
 2014–2016 NIDDK ZDK1 GRB-2 Fellowship Study Section, *ad hoc*  
 2014 NIAID ZAI1-LG-M (J1) U19 Study Section  
 2014 Infectious Disease A Scientific Review Group, *ad hoc*, Veterans Affairs  
 2016 NIDDK ZDK1 GRB (M4) R24 Study Section  
 2016 NIDDK ZDK1 GRB-8 PPG Study Section  
 2016–Present Crohn's Colitis Foundation of America Research Fellowship Awards Committee  
 2016–Present DHMI (formerly GMPB) Study Section (*ad hoc* 2016-2017, member from 2018)  
 2017 NIDDK ZDK1 GRB-7 (M6) RC2 Study Section  
 2017 ZRG1 DKUS-M (05) Special Emphasis Panel, Gut Immunity and Microbiome  
 2013–Present Other *ad hoc*: Broad Foundation, FWO (Research Foundation Flanders), Hong Kong SAR, FWF Wittgenstein Award, Harvard Digestive Disease Center, NSBRI First Award Fellowships, Wellcome Trust, NIDDK-DDKC, Rainin Foundation, Agence Nationale de la Recherche (ANR), Geneva University Hospitals and Faculty of Medicine Research Foundation, Medical Research Council (MRC) Career Development Award

### **Editorial and Journal Positions**

2011–Present Editorial Board, Autophagy, Associate Editor since 2013  
 2016–Present PLoS Biology  
 2018 Guest Editor, eLife  
 2010–Present Other *ad hoc*: Nature, Nature Medicine, Cell, Immunity, Cell Host & Microbe, PNAS, Science, PLoS Pathogens, Journal of Experimental Medicine, and >25 others

## **Institutional, Local/National Service and Related Activity**

### **Institutional Service**

2011–2012 Microbiome faculty search committee  
 2012–Present Animal Research Advisory Committee (ARAC)  
 2012–Present Immunology Club Seminar Series Organizing Committee  
 2014 2014 Skirball Symposium Organizing Committee  
 2014–2015 2014 and 2015 Skirball Retreat Co-Organizer  
 2014–2019 NIDDK T35 Medical Student Training Program Advisory Board  
 2015–2016 Department of Microbiology, Virology faculty search committee  
 2015–2016 Microbiology Seminar Series Organizing Committee  
 2015–Present MSTP Faculty Operation Committee (FOC)  
 2015–2016 Skirball Metabolic Signaling Program faculty search committee  
 2016–Present Microbiome Seminar Steering Committee  
 2016–Present Immunology & Inflammation Training Program admissions committee

2018 2018 Skirball Symposium Organizing Committee  
2018–2019 Skirball Faculty Search Committee  
2018–Present Experimental Pathology Core Advisory Committee  
2018–Present Microscopy Core Advisory Board  
2019 *Ad hoc* Promotions committee  
2019–Present Skirball Institute Program Coordinator  
2019–2020 Department of Microbiology Faculty Search Committee

### **Advisory Boards and Consultant Positions**

2016–Present Secretary, The Reagents Project Advisory board  
2019–Present iPark Executive Scientific Advisory Board (ESAB), Van Andel Institute

### **Organizing Roles in Scientific Meetings**

2018–Present NYC IBD Day Symposium organizing committee (main organizer, 2018)

### **Research Activity**

Major Research Interests include:

1. Gene-microbe interactions in inflammatory diseases
2. Autophagy and immunity
3. Viral immunomodulation

My laboratory investigates how our immune system has adapted to the presence of diverse microbes we encounter throughout our lives. Research areas in which we have made key contributions include the role of autophagy in inflammation, and mechanisms of host-virus and host-microbiota interactions in the gut.