

## Viruses

### **Raul Andino, PhD** [1]

Professor, Dept. of Microbiology and Immunology

"Replication of RNA Viruses and Vaccine Development"

Research Interests: Viruses [2]

Lab Website [3] Tetrad Graduate Program [4] BMS Graduate Program [5] UCSF Profile [6]

### **Charles Chiu, MD, PhD** [7]

Assistant Professor, Dept. of Laboratory Medicine

"Metagenomics-Based Technologies for Virus Detection and Discovery"

Research Interests: Viruses [2]

Lab Website [8] BMS Graduate Program [5] UCSF Profile [9]

### **Charles Craik, PhD** [10]

Professor, Dept. of Pharmaceutical Chemistry

"Role Of Proteolysis In Host-Pathogen Interactions"

Research Interests: Viruses [2] Host-Pathogen Interactions [11] Structure-Based Studies [12]

Lab Website [10] Chemistry and Chemical Biology Graduate Program [13] Tetrad Graduate Program [4] Pharmaceutical Chemistry [14] UCSF Profile [15]

### **Joseph DeRisi, PhD** [16]

Professor, Dept. of Biochemistry and Biophysics

Investigator, Howard Hughes Medical Institute

"Genomic Approaches To the Study Of Infectious Diseases"

Research Interests: Viruses [2] Bacteria [17] Parasites [18] Host-Pathogen Interactions [11]

Microbiome [19] Immunology [20]

Lab Website [21] BMS Graduate Program [5] Tetrad Graduate Program [4] Biomedical Informatics [22] Chemistry and Chemical Biology [13] UCSF Profile [23] iPQB [24] Bioengineering [25]

### **Alan Frankel, PhD** [26]

Professor, Dept. of Biochemistry and Biophysics

"Assembly Of RNA-Protein Complexes"

Research Interests: Viruses [2] Host-Pathogen Interactions [11] Structure-Based Studies [12]

Lab Website [27] BMS Graduate Program [5] Tetrad Graduate Program [4] UCSF Profile [28]

**Warner C. Greene, MD, PhD** [29]

Professor of Medicine, Microbiology and Immunology

Director and Senior Investigator, Gladstone Institute of Virology and Immunology

Co-Director, UCSF-GIVI Center for AIDS Research

Executive Chairman, Accordia Global Health Foundation

"HIV Transmission and Pathogenesis"

Research Interests: Viruses [2] Host-Pathogen Interactions [11] Immunology [20]

Greene Website [30] Lab Website [31] GIVI [32] CFAR [33] BMS Graduate Program [5] UCSF Profile [34]

**Nevan Krogan, PhD** [35]

Professor, Dept. of Cellular & Molecular Pharmacology, Director, California Institute for Quantitative Biosciences (QB3@UCSF [36])

"From Systems to Structure: Bridging Networks and Mechanism"

Research Interests: Bacteria [17] Fungi [37] Viruses [2] Host-Pathogen Interactions [11]

Lab Website [38] GIVI Gladstone Institute Virology and Immunology [39] GICD Gladstone Institute Cardiovascular Disease [40] QB3@UCSF [41]

**Lewis Lanier, PhD** [42]

Professor and Chair, Dept. of Microbiology and Immunology

"Natural Killer Cell - Pathogen Interactions"

Research Interests: Viruses [2] Host-Pathogen Interactions [11] Immunology [20]

Lab Website [43] BMS Graduate Program [5] UCSF Immunology Program [44] UCSF Profile [45]

**JJ Miranda, PhD** [46]

Assistant Professor, Dept. of Cellular and Molecular Pharmacology

Assistant Investigator, Gladstone Institute of Virology and Immunology

"Viral Genome Organization"

Research Interests: Host-Pathogen Interactions [11] Structure-Based Studies [12] Viruses [2]

Lab Website [47] BMS Graduate Program [46] Tetrad Graduate Program [48] UCSF Profile [49]

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**Source URL:** <https://mphd.ucsf.edu/viruses>

**Links**

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[2] <http://mphd.ucsf.edu/viruses>

[3] <http://andino.ucsf.edu/andino/index.html>

[4] <http://tetrad.ucsf.edu/>

[5] <http://bms.ucsf.edu/>

[6] [http://cancer.ucsf.edu/people/profiles/andino\\_raul.3785](http://cancer.ucsf.edu/people/profiles/andino_raul.3785)

[7] <http://bms.ucsf.edu/directory/faculty/charles-chiu-md-phd>

[8] <http://vddc.ucsf.edu/>

[9] <http://profiles.ucsf.edu/charles.chiu>

[10] <http://www.craiklab.ucsf.edu/>

[11] <http://mphd.ucsf.edu/host-pathogen-interactions>

[12] <http://mphd.ucsf.edu/structure-based-studies>

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