

Abbreviated Curriculum Vitae

Robert C. Spitale, Ph.D.

Current Contact Information

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Lab Research and Education

Our major scientific goal is to understand how RNA molecules orchestrate gene expression pathways and contribute to disease pathologies. My lab aims to develop biochemical technologies to study RNA inside living cells, aiming to address many important questions that remain about RNA structure and function on a systems level. In addition, my lab is focused on inspiring learning and educating students, postdoctoral fellows, and clinician-scientists to become a new generation of leaders in academic and industrial research as well as translational sciences.

Education and Employment

2018-Present, Associate Professor (w/Tenure)

2014-2018, Assistant Professor
University of California, Irvine
Department of Pharmaceutical Sciences
Department of Chemistry
Member: The Choa Family Comprehensive Cancer Center
Faculty Mentor: Pharmaceutical Sciences Student Council

2010-2014, Postdoctoral Fellow

A.P. Giannini Postdoctoral Fellow
Howard Hughes Medical Institute/Stanford University School of Medicine, Stanford, CA
Advisor: Prof. Howard Y. Chang

2004-2009 , Ph.D. in Chemistry

Elon Huntington Hooker Doctoral Fellow
University of Rochester, Rochester, NY
Advisor: Prof. Joseph E. Wedekind

2000-2004, B.S. in Biology, B.S. in Chemistry

State University of New York (S.U.N.Y.) College at Fredonia, Fredonia, NY
Advisor: Prof. Mark E. Janik

Honors and Distinctions

2018	W.M. Keck Medical Research Grant Awardee
2017	Pew Biomedical Scholar
2017	UCI ICTS Pilot Grant Awardee
2015	NIH Director's New Innovator Awardee
2015	American Cancer Society IRG Awardee
2011-2014	A.P. Giannini Postdoctoral Fellowship (Ranked #1 of 7 funded)
2010-2011	National Institutes of Health T32 Postdoctoral Training Grant (T32-AR007422)
2009	American Crystallographic Association Linus C. Pauling Award
2008	American Crystallographic Association Student Travel Grant
2008	American Crystallographic Association International Union of Crystallography Poster Prize
2008	Pittsburgh Diffraction Society Chung Soo Yoo Award
2008	Elon Huntington Hooker Doctoral Research Fellowship
2007	Arnold Weissberger Doctoral Research Fellowship
2003-04	Merck/A.A.A.S. Undergraduate Research Fellowship

Publications

For a list of published works, please visit my PUBMED profile:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Spitale+RC>