

JOHN C. REED, M.D., Ph.D.
Curriculum Vitae

March, 2013

Education

1976-1980 B.A. University of Virginia, Charlottesville, VA
1980-1986 M.D., Ph.D. University of Pennsylvania, School of Medicine,
Philadelphia, PA

Postdoctoral Training

1986-1989 **Resident in Clinical Pathology**
Hospital of the University of Pennsylvania
Department of Pathology & Laboratory Medicine
1986-1988 **Postdoctoral Fellow in Molecular Biology**
Wistar Institute of Anatomy and Biology
Philadelphia, PA (C. Croce, Advisor)

Professional and Faculty Appointments

2013-present **Adjunct Professor**
Sanford | Burnham Medical Research Institute
2013-present **Head of Pharma Research & Early Development (pRED) and
Member of the Enlarged Roche Corporate Executive Committee**
F. Hoffmann-La Roche Ltd, Basel, Switzerland
2010-2013 **Chief Executive Officer**
Sanford-Burnham Medical Research Institute
2010-2013 **Donald Bren Chief Executive Chair**
Sanford-Burnham Medical Research Institute
2002-2010 **President & Chief Executive Officer**
Sanford-Burnham Medical Research Institute
(formerly, Burnham Institute for Medical Research)
2007-2010 **Donald Bren Presidential Chair**
Burnham Institute for Medical Research
2007-2013 **Adjunct Professor, Department of Biochemistry**
University of Florida - Gainesville, Florida
2007-2013 **Adjunct Professor, School of Medicine**
University of Central Florida – Orlando, Florida
2002-2013 **Associate Member**
Whitaker Institute of Biomedical Engineering, University of
California, San Diego
1997-2013 **Adjunct Professor, Department of Molecular Pathology**
University of California at San Diego, School of Medicine
(UCSD)
1996-2013 **Adjunct Professor, Department of Biology**

2002-2003	San Diego State University Director, Cancer Center The Burnham Institute
1995-2001	Scientific Director The Burnham Institute
1995-2000	Founder and Director, Program on Apoptosis and Cell Death Research The Burnham Institute
1994-2002	Deputy Director, Cancer Center The Burnham Institute
1993-present	Associate Member, Cancer Center University of California at San Diego (UCSD)
1992-1995	Director, Oncogene and Tumor Suppressor Gene Program The Burnham Institute
1989-1992	Assistant Director Laboratory of Molecular Diagnosis Hospital of the University of Pennsylvania
1989-1992	Assistant Professor University of Pennsylvania School of Medicine Department of Pathology & Laboratory Medicine
1988-1989	Research Associate University of Pennsylvania School of Medicine Department of Pathology & Laboratory Medicine

Awards and Honors (Selected)

2011	American Association for the Advancement of Science 2011 Fellow
2009	American Association of Neurological Surgeons 2009 Awardee, Theodore Kurze Lecture
2008	BIOCOM Life Sciences Heritage Award Outstanding Contributions to Life Sciences
2007	Danny Thomas Lecture Series, 2007 Visiting Professor St. Jude Children's Research Hospital
2007	Donald Ware Waddell Award Outstanding Contributions to Cancer Research
2007	Achievement Rewards for College Scientists (ARCS) Scientist of the Year Award, San Diego Chapter
2006	Thomson Scientific – Doctors of the decade, 1995-2006 Dr. Reed is 8 th most highly-cited researcher in life-sciences and medicine for the decade; 1 st in field of Cell Biology; 1 st in field of General Biomedicine.
2006	PENN Medicine Distinguished Graduate Award
2003	Bristol-Myers Squibb Distinguished Cancer Researcher Award
2002	Institute for Scientific Informtion Decade's most highly cited apoptosis researcher 1991-2001 (http://www.esi-topics.com/apoptosis/index.html)

2002	Harry B. Van Dyke Award 20 th Harry B. Van Dyke Lecturer, Columbia University.
2000	Institute for Scientific Information Ranked #1 Hottest Research in Life Sciences Worldwide
2000	Warner-Lambert/Parke Davis Award American Society for Investigative Pathology (ASIP)
2000	American Academy of Neurology Decade of the Brain Award
1999	Institute for Scientific Information Ranked #1 Hottest Research in Life Sciences Worldwide
1999	35th Annual Harold G. Pritzker Memorial Lecture Presenter Mount Sinai Hospital, University of Toronto
1999	1st Inaugural D. Wayne Calloway Memorial Lecture Memorial Sloan-Kettering Cancer Center
1998	Local Hero in the Fight Against Breast Cancer Award Susan G. Komen Foundation
1994	Stohlman Memorial Scholar Award Leukemic Society of America
1991	American Association University Pathologists
1986	Upjohn Achievement Award
1985	Sheard Sanford Award American Society of Clinical Pathologists
1985	Presidential Award Reticuloendothelial Society

Membership in Honorary Societies

1986	Sigma Xi
1983	Alpha Omega Alpha
1980	Phi Beta Kappa

Membership in Professional Societies (selected)

2002 – 2004	Young Presidents Organization (YPO)
1997 - 2003	American Association of Immunologists (AAI)
1996 - present	Federation of American Societies for Experimental Biology (FASEB)
1995 - present	American Society for Investigative Pathology (ASIP)
1994 - present	CALGB
1992 - present	American Hematology Society (ASH)
1991 - present	Eastern Cooperative Oncology Group (ECOG)
1991 - 1993	Academy Clinical Laboratory Physicians & Scientists (ACLPS)
1990 - present	American Association for Cancer Research (AACR)
1986 - present	American Society for Microbiology (ASM)
1981 - present	American Association for the Advancement of Science (AAAS)

Medical Licensure

Pennsylvania #MD-041037-E (inactive)
California #G-081123 (active)

Committees, Study Sections, Advisory Boards:

2012- present	Mayo Clinic, Center for Translational Science Activities (CTSA) Advisory Board, Rochester, MN
2012-present	NIH Common Fund, Advisory Panel for Research Initiative "De-Orphanizing the Druggable Genome"
2011-present	Advancing Science in America (ARCS), Science and Engineering Advisory Council (SEAC)
2011-present	ARCS® Foundation, Washington, DC [Science & Engineering Advisory Council]
2011	Member, Clinical & Translational Research Institute, UCSD
2011	Chair, AACR Basic Cancer Research Fellowships Scientific Review Committee
2010	Co-chair, American Association for Cancer Research (AACR), Special Conference on Cell Death Mechanisms and Cancer Therapy
2009-present	Charter Member, Clinical and Translational Research Institute (CTRI), University of California, San Diego
2009-2013	Clovis Oncology, Inc
2008-2010	Chair of the NIH, MLPCN Steering Committee
2008-2009	Repros Pharmaceuticals, Inc
2008	BIO-2008, Organizing Committee for Annual Meeting, San Diego, CA
2008	National Institutes for Health, Rapid Access to Investigatory Drugs (RAID), Chair, Review Committee
2007-2010	Francis Parker School, Science Review Committee
2007-2010	Governance Committee of the Independent Citizens Oversight Committee (ICOC), California Institute for Regenerative Medicine
2007-2013	San Diego Consortium for Regenerative Medicine, Board of Directors
2007-2013	San Diego Consortium for Systems Biology, Steering Committee
2007-2013	Sanford-Burnham Medical Research Institute, Board of Trustees, Facilities Committee
2007-present	International Bipolar Disease Foundation, Co-chair, Scientific Advisory Board
2006	National Cancer Institute, Cellular & Tissue biology Special Emphasis panel
2006	National Cancer Institute, Molecular Biology Special Emphasis Panel
2006-present	SASS Foundation, Advisory Board
2006-2009	Scientific Advisory Board, University of New Mexico, SCOR grant, Leukemia & Lymphomas Society of America
2006	Steering Committee, Molecular Medicine program/Nature Press
2005-2013	CONNECT, Executive Committee of Board of Directors
2005-2008	Pharmion, Inc.
2005-2009	Board of Advisors for San Diego Center for Ethics in Science and Technology
2005-2010	Legislative Subcommittee of the Independent Citizens Oversight

	Committee (ICOC) for the California Institute of Regenerative Medicine (CIRM)
2005-2013	Molecular Library Screening Center Network (MLSCN), Steering Committee, National Institutes of Health
2005-2007	National Lifescience and Biotechnology Research & Development Advisory Board, King Abdullah II, Jordan
2005-2006	NCI/Cancer Genome Project – advisory committee
2004	Chair, Selection committee for Landon Prize from American Association for Cancer Research
2004-2010	Independent Citizen’s Oversight Committee (ICOC), governing board of the California Institute for Regenerative Medicine (“CIRM”)
2004-2010	Legislative Subcommittee of the Independent Citizens Oversight Committee (ICOC), Site-Selection Subcommittee
2004-2007	Singapore Biomedical Research Council, Scientific Advisory Board
2004-2007	Stratagene, Inc., Audit Committee
2003	AACR-NFCR Professorship in Basic Cancer Research Committee
2003-2006	American Society Hematology, Neoplasia Committee
2003	BIOCOM / San Diego Annual Dinner Honorary Host Committee
2003	BIOCOM / San Diego Science Ethics & Public Policy, Steering Committee
2003-2013	BIOCOM / San Diego Science & Technology Committee
2003-2005	Board of Advisors for San Diego Center for Ethics in Science and Technology
2003-2005	Child & Adolescent Bipolar Foundation, Scientific Advisory Board
2003	CONNECT; Most Innovative Products Awards, Judges Committee
2003	CONNECT; Life-Sciences Computing Initiative, Advisory Committee
2003-2004	CONNECT; Life-science/Information Technology Global Technology, Global Initiative Planning Committee
2003	Francis Parker High School, Science Chair Selection Committee
2003-2013	ISIS Pharmaceuticals, Compensation Committee
2003-2013	ISIS Pharmaceuticals, Nominating, Governance & Review Committee
2003	Organizing Committee, San Diego Ethics Forum in Science and Technology
2003-2009	Pathology Co-chair, ECOG 1899
2003-2007	Selection Committee, Bristol Myers Squibb Prize for Cancer Research
2003	Selection Committee, Distinguished Basic Science Cancer Professor, American Association for Cancer Research
2003-2006	Steering Committee, Center for Ethics in Science and Technology
2003-2007	Stratagene, Inc., Compensation Committee
2003	UCSD, Pathology Chair Selection Committee
2002	AACR Nominating Committee
2002-2004	American Association for Cancer Research, Nominating Committee
2002-present	<i>breastcancer.org</i> Advisory Board Member
2002-2013	Sanford-Burnham Medical Research Institute, Board of Trustees,

	Finance Committee
2002-2013	Sanford-Burnham Medical Research Institute, Board of Trustees, Nominating and Governance Committee
2002-2013	Sanford-Burnham Medical Research Institute, Board of Trustees, Technology Transfer Committee
2002-2013	Sanford-Burnham Medical Research Institute, Board of Trustees, Development Committee
2002-2009	CALGB Lymphoma Committee
2002	External Advisory Board, Institute of Medicine UCSD-Salk Training Program
2002-2004	IDUN Pharmaceuticals, Recruitment Committee (Chair)
2001	AACR – Special Conferences, Abstract Review Committee
2001-2010	Advisory Committee, UCSD Specialized Center of Research (SCOR) on Leukemia & Lymphoma
2001	American Society of Hematology, Abstract Review Committee
2001	Organizing Committee, 9 th International Congress on Tumor Necrosis Factor and Related Cytokines
2001-2009	Scientific Subcommittee for Neoplasia, American Society Hematology
2000-2003	National Cancer Institute / Advisory Committee on New Directions in Prostate Cancer Therapy
1999-2004	Chair, CaP-CURE Translational Apoptosis Research Committee for Prostate Cancer
1999-2005	Founder and Chair, <i>San Diego Apoptosis Research Group</i>
2000-2004	Founder and Chair, <i>San Diego Prostate Cancer Research Group</i>
1998-2004	International Forum for Corporate Directors (IFCD)
1998-2004	UCSD Cancer Center, San Diego, Scientific Advisory Board
1997-2000	American Association for Cancer Research, Program Committee
1997-2003	American Association for Cancer Research, Special Conference Committee
1997-1998	National Cancer Institute, Breast Cancer Progress Review Group
1997-2002	Scientific Advisory Board, MD Anderson Cancer Center, Cancer Gene Therapy Program
1997-2004	Scientific Advisory Committee, Stanford Research Institute, Program Project Grant
1997-2003	Scientific Advisory Committee, Thomas Jefferson University, Program Project Grant
1996	Abstract Review Committee, American Society for Clinical Oncology
1996	Abstract Review Committee, American Society of Hematology
1995-1998	Scientific Advisory Board, American Society for Clinical Oncology (ASCO)
1995-2001	Scientific Advisory Board, Lymphoma Research Foundation of America, Inc.
1995-2003	Study-Chair, ECOG Protocol 6491
1994	Breast Cancer SPORE grants. National Cancer Institute
1993	Pathology B Study Section, <i>ad hoc</i> . National Cancer Institute
1992	Gene Therapy Study-Section C, <i>ad hoc</i> . National Cancer Institute

1991-1993	American Cancer Society. Cell Biology Study Section
1991-2001	Laboratory Scientific Advisory Committee. Eastern Cooperative Oncology Group (ECOG)
1989-1991	American Cancer Society. Cell and Developmental Biology Study Section

Editorial Boards (selected):

1997 -2001	<i>BLOOD</i>
1995 -2004	<i>Cancer Research</i>
1994 -2004	<i>Clinical Cancer Research</i>
1996 -2001	<i>Journal of Biological Chemistry</i>
1996 -2001	<i>Journal of Clinical Investigation</i>
1996 -1998	<i>Journal of Immunology</i>
2002 -2007	<i>Molecular & Cellular Biology</i>
2000 -present	<i>Nature Reviews</i>
2002 -present	<i>Cancer Biology & Therapy</i>
2002 -present	<i>Cell Cycle</i>
1994 -2005	<i>Cell Death & Differentiation</i>
2002 -2005	<i>Oligonucleotides</i>
2001 -present	<i>Expert Opinion on Therapeutic Targets</i>
2000 -present	<i>Current Opinion in Investigational Drugs (COID)</i>
1999 -2007	<i>Mitochondrion</i>
1999 -2007	<i>Tumor Targeting</i>
1998 -2000	<i>Current Opinion in Oncologic, Endocrine and Metabolic Drugs</i>
1998 -present	<i>International Journal of Oncology</i>
1998 -present	<i>Neoplasia</i>
1996 -2004	<i>Antisense and Nucleic Acid Drug Development</i>
1996 -2006	<i>Frontiers in Bioscience</i>
1996 -1997	<i>Journal of Inflammation</i>
1996 -1998	<i>Molecular and Cellular Differentiation</i>
1996 -1998	<i>Receptors & Signal Transduction</i>
1995 -2002	<i>Advances in Leukemia and Lymphoma</i>
1994 -present	<i>Cancer Gene Therapy</i>
1994 -present	<i>Molecular Carcinogenesis</i>
1993 -1996	<i>Antisense Research and Development</i>
1993 -1999	<i>Oncology Reports</i>
2009-present	<i>Genes & Cancer</i>
2009-present	<i>Oncogene</i>
2010-present	<i>Oncotarget</i>
2011-present	<i>Sequencing</i>
2012-present	<i>Molecular Cancer Therapeutics, Editor-in-chief</i>

Non-Academic Scientific Advisory Boards/Consulting: (past and present)

- Abbott Laboratories, Inc. Chicago, IL [SAB/oncology division]
- Apoptech Pharmaceuticals, Inc. San Diego, CA [Scientific Founder]
- Apoptos, Inc. San Diego, CA [Scientific Founder (Chair, SAB)]

- BioCarta, Inc., San Diego, CA [SAB]
- BioDuro LLC, San Diego, CA [SAB]
- Biological Dynamics, San Diego, CA [SAB]
- California Bipolar Foundation, San Diego, CA [SAB] (Co-chair)
- California Healthcare Institute [Board of Directors]
- Child & Adolescent Bipolar Foundation, Wilmette, IL [Professional Advisory Council]
- Entropia, Inc., San Diego, CA [Lifesciences SAB]
- Genome BioSciences, Temecula, CA [SAB]
- Genta, Inc., San Diego, CA [Scientific Advisory Board (SAB)]
- GMP Companies, Inc., Fort Lauderdale, FL [SAB]
- Hybritech, Inc., San Diego, CA
- IDUN Pharmaceuticals, Inc., San Diego, CA [Scientific Co-Founder/SAB]
- InSync Research, Inc. Alisa Veijo, CA [Chair; SAB]
- ISIS Pharmaceuticals, Inc., Carlsbad, CA [SAB]
- LabEx Immuno-Oncology, France [Institutional Board]
- Life Sciences Information Technology, San Diego, CA [Member SAB]
- McKinsey & Company, New York, NY [Member, SAB]
- OSI Pharmaceuticals, Farmingdale, NY [SAB]
- Predictive Sciences, Inc., Boston, MA [SAB]
- Quorex Pharmaceuticals, Inc., Carlsbad, CA [SAB]
- Robertson, Stephens, and Company, San Francisco, CA
- Pathway Genomics, San Diego, CA
- San Diego Life Sciences Accelerator, Rancho Santa Fe, CA [SAB]
- San Diego Venture Group, San Diego, CA [SAB]
- Shipton Group, Ltd., Shipton China Healthcare Fund [SAB]
- Stratagene, Inc., La Jolla, CA [SAB]
- Structural Bioinformatics, San Diego, CA [SAB]

Board of Directors/Board of Trustees (past and present)

- Biocom, Board of Directors, San Diego, CA
- Sanford-Burnham Medical Research Institute, Board of Trustees, La Jolla, CA
- California Healthcare Institute, La Jolla, CA
- California Institute for Regenerative Medicine, Board of Directors, San Francisco, CA
- Clovis Oncology, Inc., Boulder, CO (2009-2013)
- Connect, Board of Directors, San Diego, CA
- IDUN Pharmaceuticals, Inc., Board of Directors, San Diego, CA
- ISIS Pharmaceuticals, Inc., Board of Directors, Carlsbad, CA (2003-2013)
- Pharmion, Inc., Board of Directors, Boulder, CO (2005-2008)
- Repros, Inc., Houston, TX (2008-2009)
- Sanford Consortium for Regenerative Medicine, La Jolla, CA

- ScienceReagents, Inc., Board of Directors, San Diego, CA
- Stratagene, Inc., Board of Directors, La Jolla, CA (2003-2007)
- San Diego Consortium for Regenerative Medicine, Board of Directors, San Diego, CA

Grants (past and present)

1980	American Heart Association <i>Student Clerkship in Stroke Research</i>
1980-2004	NIH (P30 CA30199) <i>Cancer Center Support Grant</i>
1981-1986	National Institutes of Health <i>Medical Scientist Training Program Grant</i>
1986-1988	National Institutes of Health <i>Postdoctoral Training Fellowship Grant</i>
1988-1991	Leukemia Society of America, Special Fellow <i>Molecular Physiology of bcl-2</i>
1988-1993	National Institutes of Health (R01-CA47956) <i>Investigation of bcl-2 function through gene transfer</i>
1989-1991	W.W. Smith Charitable Trust <i>Kinase encoding proto-oncogenes in IL2 signal transduction</i>
1989-1996	American Cancer Society Clinical Investigation Grant (DHP 71185) <i>Mechanisms of bcl-2 oncogene activation</i>
1991-1996	Leukemia Society of America, Scholar <i>Kinase encoding proto-oncogenes in IL2-signaling</i>
1991-1994	National Institutes of Health (R01-CA54957) <i>Kinase encoding proto-oncogenes in IL2-signalling</i>
1991-1994	Council for Tobacco Research (TRC 3113) <i>Molecular Cloning and Characterization of Novel Genes that Regulate Programmed Cell Death</i>
1992-1996	National Institutes of Health (R01 CA60181) <i>Mechanisms of Oncogene Activation and Function</i>
1992-1995	National Institutes of Health (R01-CA60381) <i>Antisense oligonucleotide approaches to BCL-2</i>
1993-1997	National Institutes of Health (U01-CA-60421) <i>Clinicopath correlates with Bcl-2 in non-Hodgkin Lymphoma</i>
1993-1996	American Cancer Society (IM 68470) <i>Regulation and Function of p56-Lck kinase by interleukin-2</i>
1994	CaP-CURE Award <i>Bcl-2 and prostate cancer</i>
1995-2006	National Institutes of Health (R01-CA67329) <i>BAG-1: A novel Bcl-2-binding protein</i>
1995-1998	California Breast Cancer Research Program (1RB-0093) <i>Bax gene expression in breast cancer</i>
1995	Susan G. Komen Breast Cancer Foundation (9527) <i>Significance of Bcl-2 and Bax expression in breast cancer</i>
1995	American Cancer Society (DHP-32E)

- 1996 *Mechanisms of Bcl-2 oncogene activation*
US Army Medical and Material Command (RP951168)
Yeast genetics for delineating Bax/Bcl-2 pathway of cell death regulation
- 1996 CaP CURE Award
Regulation of chemoresistance by Bcl-2/Bax heterodimers in advanced prostate cancer
- 1996-2010 NIH (P01-CA069381)
Signal transduction and cell death regulation
- 1996-1999 National Institutes of Health (R01-CA-72994)
FAS-mediated T-cell apoptosis in HIV infection
- 1996-2006 NIH/NCI (P01-CA55164)
The therapy of AML
- 1996-1998 California Breast Cancer Research Program (2RB-0215)
Immune response to breast cancers: Function of TRAF proteins
- 1996-2004 ECOG (U10-CA21115)
Prognostic significance of apoptosis regulators in advanced breast cancer
- 1997-1999 CaP CURE Award
Phosphorylation of Bcl-2 as an approach to the treatment of hormone independent prostate cancer
- 1997-2001 US Army Medical Research Program (DAMD17-97-1-7294)
The role of IAP family genes in breast cancer
- 1998-2006 NIH (R01 AG15402)
Inhibition of proteases by IAPs
- 1998-2010 NIH (R01 AG15393)
BI-1, a regulator of ER-stress pathways linked to apoptosis
- 1998-2003 NIH (P01 CA 78040)
Drug Screening Assays for Apoptosis Targets
- 1998-1999 CaP CURE Award
ApoGenomics, Discovery of Novel Genes in Prostate Cancer
- 1998-2003 US Army Prostate Research Program (DAMD17-98-1-8584)
Regulation of hormone responses in prostate cancer BAG1L
- 1998-2001 US Army Medical Research Program (DAMD17-98-1-8563)
Functions of Beta- and Gamma-Catenins in Prostate Cancer
- 1999-2000 CaP CURE Award
ApoGenomics, Discovery of Novel Genes in Prostate Cancer
- 1999-2000 California Breast Cancer Research Program (BCRP 4JB-0061)
Role of Gamma-Catenin in a Breast Cancer Mouse Model
- 1999-2003 NIH (P01 CA88647)
Molecular studies of drug-resistance in CLL (Consortium Sub-Contract)
- 2000-2010 NIH (R01-GM060554)
Mitochondria and Apoptosis
- 2000-2001 CaP CURE Award
Apoptosis-sensitizing compounds for prostate cancer.
- 2000-2005 NIH (P01-CA81534)
Biochemistry of B-Cell Chronic Lymphocytic Leukemia

2000-2004 NIH (R01-GM61694)
CED-4 Family Proteins

2000-2003 GMP Companies Inc.
Diagnostic and prognostic marker research for cancer

2001-2006 NIH (P01 CA55164)
The Therapy of AML Project 3: Apoptosis and Chemotherapy in AML

2002-2004 California Breast Cancer Research Program (BCRP 8WB-0079)
PPAR γ modulators as apoptosis sensitizers for breast cancer

2002-2004 California Breast Cancer Research Program (BCRP 8WB-0110)
Structure and function of the Bax apoptosis regulator

2002-2008 NIH (R01 AI056324)
PAAD-family proteins and innate immunity.

2002-2005 DAMD (17-02-1-0313)
Structural Basis of Bcl-2-Regulated Mitochondrion-Dependent Apoptosis

2004-2007 TRDRP (13RT-0130)
IAP Antagonists for Lung Cancer Treatment

2004-2006 California Breast Cancer Research Program (10WB-0194)
Novel Agents for Breast Cancer Therapy

2004-2009 NIH (P01 AI055789)
Virulence Factors and Cell Death

2004 CapCURE Award
IAP Antagonists for Prostate Cancer

2004-2007 Aventis Award
Taxotere and Inhibitor of Apoptosis Protein (IAP) Antagonists

2004 ABC2 Award
IAP Antagonists for Glioblastoma

2004-2009 NIH (R01 CA112053)
Mechanisms of the Hepatitis-B-X-interacting protein (HBXIP)

2005-2008 NIH (1 U54 HG003916)
San Diego Center for Chemical Genomics

2005-2010 NIH (U01 CA113318)
Apoptosis-Based Cancer Drug Discovery

2005-2006 NIH (U01 CA114810)
Evaluation of Predictive Signatures of Prostate Cancer

2005-2006 Oncomax/CRSA 0505
Characterization of SM5-1 and its role in Tumorigenesis

2005-2009 Department of Defense (PR054580)
Anti-apoptotic Drugs for Radioprotection

2005-2010 Leukemia & Lymphoma Society of America, SCOR (LLS 7332-06)
Chemical Antagonist of Caspase Inhibitors for Treatment of CLL

2006 NIH (MH077632)
Chemical inhibitors of anti-apoptotic protein Bfl-1

2006-2011 NIH (P01 CA081534)
Chronic Lymphocytic Leukemia Research Consortium

2006-2012 NIH (P01 CA55164)
Mechanisms of Apoptosis Dysregulation in AML

2006-2011 NIH (R01 HL082574)

2006-2008	<i>Anti-Apoptotic Compounds for Treatment of Brain Ischemia</i> Department of the Army (06138006) <i>Cytoprotective Chemicals for Amyotrophic Lateral Sclerosis Treatment</i>
2006-2007	NIH (X01 MH079863) <i>High Throughput Screening Assay for Hsp70 Inhibitors</i>
2007-2008	NIH (R03 MH081277) <i>Chemical Antagonists of IAP-family Antiapoptotic Proteins</i>
2007-2008	NIH (R03 DA024887) <i>Chemical Inhibitors of ER Stress</i>
2007-2008	Apoptose Pharmaceuticals, Inc. <i>XIAP Sponsored Research Agreement</i>
2008-2010	Department of Defense (PC074016) <i>Chemical Agonists of the PML/Daxx Pathway for Prostate Cancer Therapy</i>
2008-2013	NIH (1 U01 AI078048) <i>Countermeasures for Bioterrorism Targeting Cellular Host Factors</i>
2008-2014	NIH (1 U54 HG005033) <i>Burnham Center for Chemical Genomics</i>
2008-2009	NIH (1 R03 MH084844) <i>High Throughput Screening Assays for NOD1 and NOD2 Inhibitors</i>
2008-2009	NIH (1 R03 MH0856677) <i>HTS Assay for UBC13, a Mediator of Inflammatory Signaling</i>
2009-2013	NIH (1 R01 AI082629) <i>Yeast-based HTS Assay Technologies for Proteases</i>
2009-2014	NIH/NCI (BOA#29XS123) <i>NCI Chemical Biology Consortium</i>
2010-2012	NIH/NIMH (1 R03 MH090871) <i>Chemical Inhibitors of Autophagins for Autophagy Modulation</i>
2010-2015	NIH/NIAID (1 R01 AI091967) <i>Virulence Mechanisms of Viral Bcl-2 Homologs</i>
2010-2015	NIH/NIAID (1 P01 AI090935) (Young; Salk) <i>Project 2: Innate Immunity and HIV Restriction</i>
2011-2017	NIH/UCSD (P50 GM085764) <i>Gene Networks Regulating Cellular Response to Endoplasmic Reticulum Stress</i>
2011-2013	NIH (U01 AI078048-S1) <i>Countermeasures for Bioterrorism Targeting Cellular Host Factors</i>
2012-2017	NIH/NCI (1 R01 CA163743) <i>IAP family Proteins and Cancer</i>
2012	CSRA Sea Lane Biotechnologies, LLC (1 R01 CA168517-01A1)

Lectures

Dr. Reed has delivered hundreds of lectures around the world. He has also served as the organizer or co-organizer of scientific meetings for the *American Association for Cancer Research (AACR)*, *American Society of Hematology (ASH)*, *American Society for*

Clinical Oncology (ASCO), Gordon Research Conferences, and many other research organizations.

BIBLIOGRAPHY

Publications:

Journals

1. Winn, H.R., Morii, S., Weaver, D.B., Reed, J.C., Ngai, A.C., Berne, R.M.K. Changes in blood adenosine concentrations during hypoglycemia and posthypoxic hyperemia. *J. Cerebral Blood Flow Metabol.* 3:(suppl.1) S449, 1983.
2. Winn, H.R., Morii, S., Reed, J.C., Berne, R.M. Changes in brain adenosine during and after transient (15-30 sec.) hypoxia: Correlation with cerebrovascular resistance. *Stroke.* 11:13, 1984.
3. Reed, J.C., Robb, R.J., Greene, W.C., Nowell, P.C. Effect of wheat germ agglutinin on the interleukin pathway of human T lymphocyte activation. *J. Immunol.* 134:314-323, 1985.
4. Reed, J.C., Tadmori, W., Kamoun, M., Koretzky, G.A., Nowell, P.C. Suppression of interleukin 2 receptor acquisition by monoclonal antibodies recognizing the 50 kd protein associated with the sheep erythrocyte receptor on human T lymphocytes. *J. Immunol.* 134:1631-1639, 1985.
5. Tadmori, W., Reed, J.C., Nowell, P.C., Kamoun, M. Functional properties of the 50 kd protein associated with the E-receptor on human T lymphocytes: Suppression of IL2 production by anti-p50 monoclonal antibodies. *J. Immunol.* 134:1709-1716, 1985.
6. Taylor, D.S., Reed, J.C., Nowell, P.C. Stimulation and inhibition of human T cell subsets by wheat germ agglutinin. *J. Immunol.* 134:3756-3761, 1985.
7. Reed, J.C., Nowell, P.C., Hoover, R.G. Regulation of c-myc mRNA levels in normal human lymphocytes by modulators of cellular proliferation. *Proc. Natl. Acad. Sci. USA* 82:4221-4224, 1985.
8. Reed, J.C., Greene, W.C., Hoover, R.G., Nowell, P.C. Monoclonal antibody OKT11A inhibits and recombinant interleukin-2 (IL2) augments expression of IL2 receptors at a pretranslational level. *J. Immunol.* 134:2478-2482, 1985.
9. Reed, J.C., Sabath, D.E., Hoover, R.G., Prystowsky, M.B.: Recombinant interleukin-2 regulates levels of c-myc mRNA in a cloned murine T lymphocyte. *Mol. Cell. Biol.* 5:3361-3368, 1985.
10. Reed, J.C., Jegasothy, B.V., Batra, B.K., Weidenfeld, J., Smith, D.R., Nowell, P.C. The lymphokine "inhibitor of DNA synthesis" (IDS) suppresses human T lymphocyte proliferation by an interleukin-2 independent mechanism. *Lymphokine Res.* 5:11-20, 1986.
11. Reed, J.C., Alpers, J.D., Nowell, P.C., Hoover, R.G. Sequential expression of proto-oncogenes during lectin-stimulated mitogenesis of normal human T lymphocytes. *Proc. Natl. Acad. Sci. USA* 83:3982-3986, 1986.
12. Reed, J.C., Abidi, A.H., Alpers, J.D., Hoover, R.G., Robb, R.J, Nowell, P.C. Effects of cyclosporin A and dexamethasone on interleukin 2 receptor gene expression. *J. Immunol.* 137:150-154, 1986.
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Dr. Reed has published over 700 abstracts. A list is available upon request.

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