

Faculty Training History

Faculty Member Past and Current Trainees	Pre/Post	Training period	Title of Research Project	Academic History	Current Position or Source of Support
Higaki, J.	Post	1986-1990	Dissecting the active site of trypsin	Purdue, PhD 1986	Director, Medivation, Inc. higaki_97@yahoo.com
McGrath, M.	Post	1986-1993	Structural biology of proteases and inhibitors: trypsin, cruzain and ecotin	UC Riverside, PhD 1986	Sr. Director of Structural Chemistry, Gilead Sciences Inc. Mary.Mcgrath@gilead.com
Pichautes, S.	Post	1987-1991	Molecular biology of rational drug design	Catolica Un. Chile, PhD 1983	Research Scientist, Novartis Vaccines & Diagnostics Inc., Emeryville, CA
DeCamp, D.	Post	1988-1993	Elucidation of the active site of HIV proteases	University of Delaware, PhD 1988	Research Assoc. Professor, University of Montana, Missoula dianne.decamp@umontana.edu
Babé, L.	Post	1988-1994	Structural biology of the HIV protease	University of Miami, PhD, 1988	Genencot International, Palo Alto, CA lilia.babe@yahoo.com
Rosé, J.	Pre	1988-1995	Understanding the role of HIV-1 protease in viral maturation	UCSF, PhD 1995	Professor, The King's Academy, Santa Clara, CA jrose@leland.stanford.edu
Tsu, C.	Pre	1988-1995	Natural adaptation of serine proteases	UCSF, PhD 1995	Research Scientist Millennium Pharmaceuticals, Cambridge, MA tsu@mpi.com
Willett, S.	Pre	1988-1995	Engineering metal dependent substrate specificity.	UCSF, PhD 1988	Dir. Biopharmaceutical Development, Promedior, Inc. swillett@promedior.com
Sloane, D.	Post	1989-1993	Molecular cloning of 15-lipoxygenase	UC Berkeley, PhD 1989	Assoc. Director, Catalyst Biosciences, South San Francisco, CA dsloane@catbio.com
Gudmundsdóttir, A.	Post (Sabb.)	1990-1993	Molecular biology of cold adapted proteases	University of Iceland, PhD 1990	Professor of Food Chemistry, University of Iceland, Reykjavík ag@raunvis.hi.is

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Corey, D.	Post	1990-1993	Protein engineering of trypsin	UC Berkeley, PhD, 1990	Professor, University of Texas Southwest Medical Center, Dallas, TX David.Corey@UTSouthwestern.edu
Li, J.	Pre	1990-1993	HIV protease drug design	UCSF, MS 1993	Research Scientist, Exelixis, Inc., South San Francisco, CA Jl5n@yahoo.com
Salto, R.	Post	1990-1993	HIV2 protease enzymology	University of Granada, Spain, PhD 1990	Prof., University of Granada, Spain rsalto@goliat.ugr.es
Perona, J.	Post	1990-1994	Crystallography of proteases and inhibitors	Yale University, PhD 1989	Professor, University of CA, Santa Barbara perona@chem.ucsb.edu
Ochoa, G.-C.	Pre	1991-1994	SIV protease enzymology	UCSF, MS 1994	Analyst, UBS-Warburg Investment Bank, New York, NY gian-carlo.ochoa@ubsw.com
Wang, C.I.	Post	1992-1996	Phage display of protease inhibitors	Washington University, PhD 1992	Principal Investigator, Singapore Immunology Network ciwang_99@yahoo.com
Yang, S.Q.	Pre	1992-1998	Analyzing structure-function relationships of serine proteases and their macromolecular inhibitors by combinatorial biochemistry.	Michigan Tech. U., BS 1991	Head of Research & Development, Asia Pfizer Global, Pudong, Shanghai steve.q.yang@pfizer.com
Holman, T.	Post	1993-1994	15-lipoxygenase enzymology	University of Minnesota, PhD 1991	Professor, University of CA, Santa Cruz tholman@chemistry.ucsc.edu
Murray, I.	Post	1993-1995	Redesigning enzyme activity	University of Leicester, UK, PhD 1987	New England Biolabs, Ipswich, MA murray@neb.com
McPhee, F.	Post	1993-1995	HIV protease drug design	Oxford (UK), D. Phil 1990	Research Scientist, Bristol/Myers Squibb, Wallingford, CT mcpheef@bms.com
Richmond, T.	Post	1993-1995	HIV integrase enzymology	Caltech, Pasadena, PhD 1993	Managing Director, Annenberg Ctr. USC richmond@annenberg.edu

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Halfon, S.	Post	1993-1996	Metalloregulation of enzyme activity	Columbia University, PhD 1993	Project Manager, Ilypsa, Inc., Santa Clara, CA shalfon@ilypsa.com
Harris, J.	Pre	1993-2000	Defining the extended substrate specificity of serine proteases	San Diego State Univ., MA 1995	Director of Protease Biochemistry, Genomics Institute of the Novartis Research Foundation San Diego, CA harris@gnf.org
	Post	1999-2000		UC San Francisco, PhD 2000	
Brown, K.	Post	1994-1998	Proteases in Development: Protein Crosslinking Methodology	UC Berkeley, PhD 1994	Professor, Univ of Texas Southwestern Medical Center, Dallas, TX Kathlynn.Brown@UTSouthwestern.edu
Ünal, A.	Post	1995-1998	Consequences of protease inhibitor resistance mutations in HIV protease	Ankara (Turkey) MD 1982; University of Miami, PhD 1994	Palo Alto Pathology Inc., Palo Alto, CA ayce_u@yahoo.com
Dauber, D.	Pre	1995-2001	Developing a pan-specific macromolecular inhibitor of serine proteases	University of Michigan, BS 1995	Group Market Planning Manager, Genentech, South San Francisco, CA ddauber@yahoo.com
Hudig, D.	Post (Sabb.)	1996-1998	Mechanisms of T-Cell Lysis	University of Nevada, PhD 1996	Professor, Immunology, University of Nevada, Reno School Of Medicine dhudig@medicine.nevada.edu
Rozzelle, J.	Post	1996-1998	HIV-1 protease inhibition	University of N. Carolina, PhD 1994	Scientist, Sutro Biopharma, Inc. South San Francisco, CA jrozzelle@yahoo.com
Laboissière, M.	Post	1996-2000	Structure-based inhibition of cruzain	University of Wisconsin, PhD 1995	Consultant, McKinsey & Co., Brazil martha_laboissiere@mckinsey.com
Pray, T.	Pre	1996-2000	Regulatory mechanisms of KSHV Protease	University of Chicago, BS 1993	Amyris Biotech, Emeryville, CA pray@amyrisbiotech.com

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Selvarajan, S.	Pre	1996-2000	Requirement for the plasminogen system in adipocyte differentiation and tissue remodeling during involution	Mount Holyoke College, BS 1995 UC San Francisco, PhD 2000;	Global Business Development Group, Roche Diagnostics, Basel, Switzerland sushma.selvarajan@roche.com
Todd, S.	Post	1996-2000	Macromolecular inhibition of HIV protease	University of San Diego, PhD 1996	Attorney, Danisco, USA, Palo Alto, CA CAodd@danisco.com
Takeuchi, T.	Post	1996-2000	Engineering inhibitors for a cancer-associated protease	Caltech, PhD 1995	Scientist XOMA Corp., Berkeley, CA takeuchi@xoma.com
Waugh, S.	Pre Post	1996-2002 2003-2003	Understanding the electrostatics of substrate specificity: altering trypsin to acidic specificity Definition and Function of Structural Determinants in Granzyme B Specificity.	UC San Diego, BS 1996 UCSF, Ph.D. 2002	Scientist, Catalyst Biosciences sandy@catbio.com
Eggers C.	Pre	1996-2003	Mechanism of ecotin inhibition of UPA and alpha lytic protease	Gustavus Adolphus College, BS 1996 UC San Francisco, PhD 2003	Postdoc, UC San Diego ceggers@ucsd.edu
Maeda, R.	Pre	1997-2000	Proteases involved in <i>Drosophila</i> Dorsal-ventral patterning	UC San Diego, BS 1996	Associated Scientist, U of Geneva, Switzerland rRobert.Maeid@zoo.unige.ch
Mahrus, S.	Pre	1997-2004	Use of a Gly-Gly-His Ecotin fusion protein as an affinity crosslinking reagent	University of Michigan, BS 1997 UCSF, Ph.D. 2004	Postdoc, UCSF sami.mahrus@ucsf.edu
Koike, M.	Post	1998-1999	Creating selective and potent inhibitors of serine proteases using phage display	University of Tokyo, PhD 1998	President & CEO, BioWa Inc., Princeton, NJ info@biowa.com
Rodrigues, H.	Pre	1998-2000	Cloning, expression and functional characterization of falcipain, a cysteine protease from Plasmodium Falciparum	Brazil, PhD 2000, MD 1996	Asst. Prof. Univ. Federal, Rio de Janeiro, Brazil hcastrorangel@yahoo.com
Baird, T.	Post	1998-2002	Chemical control of serine protease activation	Duke University, PhD 1997	Assoc. Professor, San Francisco State University tbaird@sfsu.edu

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Greenbaum, D.	Pre	1998-2002	Identification and inhibition of proteases involved in cataract formation	Williams College, BS 1996	Asst. Prof., U Penn School of Medicine greenbaum@pharm.med.upenn.edu
Nomura, A.	Pre Post	1998-2004 2004	Characterization of Kaposi's Sarcoma Associated Herpes Virus Protease.	UC San Diego, BS 1995 UCSF Ph.D. 2004	OTM Licensing Assoc., UCSF anson.nomura@ucsf.edu
Lanzo, C.	Post	1999-2000	Protease inhibitors from <i>P. aurogenosa</i>	Vanderbilt U., PhD 1998	Recruiter, Russell Reynolds Associates, Inc. cheryl@russellreynolds.com
Yan, K.	Pre	1999-2000	Membrane-Type Serine Protease 1 Purification and Immunoassay Development for Prostate Cancer Diagnosis	San Francisco State U., MA 2000	Novartis, Emeryville, CA wyanxyu@earthlink.net
Choe, Y.	Post	1999-2005	Expression and characterization of falcipain, a malaria cysteine protease	Seoul National U., Korea, PhD 1998	Scientist, Catalyst Biosciences ychoe@catbio.com
Barrios, A.	Post	2000-2003	Defining Macromolecular Recognition in Serine Proteases	MIT, PhD 2000	Asst. Professor, University of Utah amy.barrios@utah.edu
Bhatt, A.	Pre	2000-2006	Characterization of the Substrate Specificity of Membrane Type Serine Protease 2	MD/PhD UCSF 2006 UC Los Angeles, BS 1998	Chief Resident, Dana Farber School of Medicine asbhatt@gmail.com
Marnett, A.	Pre Post	2000-2005 2005-2006	KSHV Protease, Inhibitor Design	UCSF, PhD 2005 Trinity College, BS 1997	Founder and CEO of BenchFly alan@benchfly.com
Sun, J.	Post	2000-2005	Monoclonal Antibodies as Protein Inhibitors	SUNY, Stony Brook, NY, PhD 2000	Scientist, Amgen sunbach@gmail.com
Stoop, A.	Post	2001-2003	Protein Engineering of Macromolecular Protease Inhibitors	University of Amsterdam, PhD 2000	Manager, GSK Biopharm R&D Cambridge allart.stoop@domantis.com
Klein Loeb, C.	Pre	2001-2006	In vitro evolution of a macromolecular protease inhibitor	UCSF, PhD 2006 MIT, BS 2000	Project Leader, Boston Consulting, San Francisco, CA carlyloeb@yahoo.com
Bell, J.	Post	2001-2002	Granzyme A: substrate selectivity in a highly homologous family	University of Minnesota, PhD 2001	Asst. Professor, Virginia Commonwealth University jbelle6@vcu.edu

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Shimba, N.	Post	2002-2004	Structural study of KSHV protease and its inhibition	University of Tokyo Ph.D. 1998	Ajinomoto Co., Inc. Japan nobuhisa_shimba@ajinomoto.com
Tauheed, J.	Pre	2002-2006	Nucleophilic labeling as a tool to identify Granzyme B Substrates	Xavier University, BA 1999 UCSF, MSc 2006	Graduate Student, Harvard School of Public Health in Environmental Health Jannah.Tauheed@alumni.ucsf.edu
Goetz, D.	Post	2002-2008	Discovery, Development and Design of SARS Virus Protease Inhibitors	U of Washington, Ph.D. 2002	IP Scientific Advisor, Wilson Sonsini Goodrich & Rosati david.goetz@gmail.com
O'Donoghue, A.	Post	2006-	Characerization of the aspartyl protease from the thermophilic eucaryote, <i>Talaromyces emersonii</i>	National Univ. of Ireland, Galway, PhD 2005	NIH Grant aodonoghue@picasso.ucsf.edu
Farady, C.	Pre Post	2003-2008 2008-	Molecular Basis of Antibody Inhibitors of Serine Proteases	Boston College, BS 2001 UCSF, PhD 2008	Scientist, Novartis Basel, Switzerland cfarady@gmail.com
Sriprapundh, D.	Post	2003-2007	Structural & Biochemical Characterization of u/PA/uPAR Complex	Michigan State University, Ph.D. 2003	Specialist, Medtronic, Inc. San Francisco, CA dinlaka@yahoo.com
Hostetter, D.	Post	2004-	Develop Reagents to Specifically Label Protease Targets <i>in vivo</i> .	Stanford University, PhD 2004	Nanotechnology & Cancer Grant dhostet@picasso.ucsf.edu
Lazic, A.	Post	2004-2007	Identification and Characterization of Inhibitors for KSHV Protease	Univ. of Illinois @ Chicago, Ph.D. 2004	lazana@gmail.com
Lim, M.	Post	2005-2007	Labeling Proteolytic Markers of Cancer using Nano Particles	UCSD, 1999 BS UCSB, 2004 Ph.D.	Program Director, Innovative Molecular Analysis Technologies, NIH. Washington DC markdlim@gmail.com
Schneider, E.	Post	2005-2010	In vivo inhibition of MMP-9 to investigate its role in cancer metastasis	St. Johns Univ., BA 1998 UC Berkeley, Ph.D. 2005	Scientist, ProLynx Hayward, CA elschneider@gmail.com
Brown, C.	Pre	2005-	Early detection of epithelial cancer	Clemson University, BS 2004	Biochemistry Training Grant christopher.brown@ucsf.edu

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Darragh, M.	Pre	2005-2010	Targeting MTSP-1 for cancer discovery and treatment	U. of Arkansas @ Fayetteville, BS 2003 UCSF, PhD 2010	Postdoc, University of Arkansas @ Fayetteville mollydaction@yahoo.com
Ray, M.	Pre	2006-	Characterization of Serpin B9 in Prostate Cancer	U Penn, BA 2005	Cell Biology, Genetics and Biochemistry Training Program manisha.ray@ucsf.edu
Shahian T.	Pre	2006-	Understanding the Allosteric Mechanism of KSHV Protease	UC Davis, BS 2001	Graduate Dean's Health Science Fellowship tshahian@gmail.com
Zhou M.	Post	2006-2008	Developing combinatorial libraries for defining the substrate specificity of proteolytic enzymes and testing them on various proteases.	Univ. of Arizona, PhD 2006 Fudan Univ. BS 1991	ACME Bioscience Inc. Palo Alto, CA shoumin200@gmail.com
Joshi R.	Post	2006-2010	Development of Antibody Inhibitors of Prostatic Specific Antigen by Phage Display.	Johns Hopkins Univ. B.A. 1994 Harvard Med. School, M.D. 2000	Asst. Professor/Resident, UCSF, School of Medicine ravivjoshi@comcast.net
Lee, G.	Post	2007-	Identifying Novel Allosteric Inhibitors of Kaposi's Sarcoma-associated Herpesvirus Protease.	U of Washington, PhD 1999 UC Davis, BS 1991	HARC Center Grant leegreg@picasso.ucsf.edu
Eroy-Reveles, A.	Post	2008-	Design & Synthesis of Generalized Protease Substrate Profiling Libraries	UC Santa Cruz, PhD 2008	IRACDA Fellowship alegra.er@gmail.com
Tajon, C.	Pre	2008-	Proteolytic Activation of Nanoparticles & Devices	Univ, San Francisco, BS 2003	NIGMS fellowship Cheryl.Tajon@ucsf.edu
Sevillano, N.	Post	2008-	Identification of Fab Fragments Against HIV-Proteins by Phage Display.	Univ. of Granada, PhD 2008	Fundacion Alfonso Martin Escudero (Spain) natalia@picasso.ucsf.edu
Mahon, C.	Post	2008-	Identification of host-HIV interactions as part of the HARC initiative	National University of Ireland, Galway, PhD 2007	NIH grant cathalmahon@gmail.com
LeBeau, A.	Post	2009-	Heterobivalent Agents for the Imaging of Prostate Cancer	Johns Hopkins School of Medicine, PhD 2009	DOD Prostate Cancer Fellowship Aaron.Lebeau@ucsf.edu

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Baharuddin, A.	Post	2009-	Understanding the Inhibitor-Protein interactions Binding Mode Using X-ray Crystallography	University of Luebeck (Germany), PhD 2008	Ministry of Science, Technology & Innovation. Malaysia (MOSTI) aidabaha@gmail.com
Page, M.	Post	2010-	Design and Application of Selective Protease Substrates	University of British Columbia, PhD 2004	AHA Grant Michael.Page@ucsf.edu
Kim, J	Post	2010-	Identifying Fab Fragments that Aid Sructural Determination of Membrane Proteins.	University of Toronto, PhD 2010	MPEC grant Jungmin.Kim@ucsf.edu
Lee, M.	Pre	2010-	Selectively Inhibiting Extracellular Proteases	E. Virginia Medical School, MS 2009 UC Berkeley, BA 2005	Chemistry-Biology Interface NIH Training Grant
Gable, J.	-Pre	2010-	Discovering Small-molecule Allosteric Inhibitors of Human Herpesvirus Proteases	UCSD, BS 2008	NIH Training Grant