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BIRTHPLACE: Scranton, Pennsylvania; **CITIZENSHIP:** USA

LICENSURE AND CERTIFICATION:

1993-2000	Massachusetts Board of Internal Medicine Full License
1993-2000	Massachusetts D.E.A. Certification
1993-Present	United States D.E.A. Certification
1994-2004	American Board of Internal Medicine Certification, Medicine (95th percentile)
1996	American Board of Internal Medicine Certification, Rheumatology (top 10th decile)
1999-Present	California Board of Internal Medicine Full License (#G85684)
1999-2018	Stanford Hospital and Clinics (voluntarily relinquished)
1999- Present	VA Palo Alto Health Care Hospital and Clinics
2007-2017	American Board of Internal Medicine Re-Certification, Rheumatology

EDUCATION:

1982-1986	King's College, Wilkes-Barre PA; B.S. in Biology; Minors in English, Philosophy and Chemistry; GPA 3.92/4.00
1986-1991	Stanford University School of Medicine, M.D. Degree

POSTDOCTORAL TRAINING:

06/1991-06/1992	Intern in Medicine, Brigham and Women's Hospital
06/1992-06/1993	Resident in Medicine, Brigham and Women's Hospital
07/1993-02/1996	Clinical Fellow, Immunology and Rheumatology, Brigham and Women's Hospital
02/1996-03/1996	Research Fellow, Dr. Paul Anderson, Dana Farber Cancer Institute
03/1996-08/1999	Instructor of Medicine, Harvard Medical School
08/1996-08/1999	Attending Physician, Mariner Health at Longwood

ACADEMIC POSITIONS:

09/1/1999-07/31/2005	Assistant Professor of Medicine, Stanford University School of Medicine
2000-Present	Founder and Director, Stanford Institutes of Medicine Research (SIMR) Summer Students Program, Stanford University School of Medicine
08/01/2005-09/2012	Associate Professor of Medicine, Stanford University School of Medicine
04/01/2007-10/1/2007	Acting Division Chief, Division of Immunology and Rheumatology, Stanford University School of Medicine

05/01/2007-Present	Associate Director of Education, Immunity, Transplantation and Infection Institute, Stanford University School of Medicine
06/2007-11//2008	Director, Center for Clinical Immunology at Stanford, Stanford University School of Medicine
2007-Present	Program Director, Stanford EXPLORE Summer Students Program, Stanford University School of Medicine
06/2009-09/2013	Associate Director (Co-Director), Medical Scientist Training Program (MSTP), Stanford University School of Medicine
05/2012-08/2013	Program Director, Rheumatology Adult and Pediatric T32 Training Grant, Stanford University School of Medicine
07/2012-08/2013	Program Director, Rheumatology Fellowship Program at Stanford University School of Medicine
09/2012-Present	Professor of Medicine, Stanford University School of Medicine
07/2013-06/2018	Director, Program Director, Medical Scientist Training Program (MSTP), Stanford University
09/2014-05/2022	Program Director, Accelerating Medicines Partnership (AMP) Leadership Center for RA/SLE
09/2014-05/2019	Director, Stanford Autoimmunity Center of Excellence (ACE), funded by NIAID
02/2018-Present	Associate Dean for Medical Student Research and Scholarship, Stanford University School of Medicine
06/2018-2021	Director, Emeritus, Medical Scientist Training Program (MSTP), Stanford University
2019-Present	Director, Physician Scientist Training Program (PSTP), Stanford University
2022-Present	Director, Department of Medicine Team Science Initiative, Stanford University

INSTITUTIONAL COMMITTEES AND PROFESSIONAL SERVICE:

1991-1993	Brigham and Women's Hospital Internship Selection Committee
1999-2005	Member, Stanford University Hospital Internship Selection Committee
1999-2005	Deputy Editor, <i>Arthritis Research</i>
2000	Member, Committee on Courses and Curriculum Course Reviewer, Microbiology and Immunology 200, Winter 2000
2000-2002	Faculty Senate (2 year term)
2000-2003	Member, Immunology Graduate Program Predoctoral Committee, Stanford University
2001-2005	FOCIS Program Organizing Committee
2002-2006	Dean's Committee on Diversity, Stanford University
2002-Present	MSTP Committee, Stanford University
2003	Lupus Research Initiative Study Section
2003-2005	Executive Editorial Board, <i>Global Arthritis Research Network (GARN)</i> website
2003-2006	Advisory Editor, <i>Arthritis and Rheumatism</i> (3 year term)
2003-2007	FOCIS Chair of Education
2003-2006	Appointed Councilor, Clinical Immunology Society (3 year term)
2003-2006	FOCIS Abstract Review Committee
2003-2018	Consultant, U.S.F.D.A. Arthritis Drugs and Advisory Committee
2004	2005 Arthritis Foundation Research Meeting, Organizing Committee
2004	Advisory Board, BioArrays Europe 2004
2004-2008	Science Advisory Board Member, National Center for Space Biological Technologies, NASA-Funded Center at Stanford
2004-2007	Juvenile Diabetes Research Foundation, Medical Science Review Committee

2005-2008	Editorial Advisory Board Member, <i>Current Rheumatology Reviews</i>
2005	Judge, Amgen Awards for Excellence in Science Teaching
2006-2009	Board of Directors, Arthritis Foundation, Northern California Chapter
2006	Westinghouse Awards Judge
2007-2010	FOCIS Treasurer (Elected)
2007-2010	Member, Cardiovascular Institute Steering Committee, Stanford University
2007-2010	Editorial Board, <i>BMC Research Notes</i> (new journal)
2007-2009	Arthritis Foundation Review Team Leader Investigator Awards and Postdoctoral Fellowship Awards
2008-2011	Editorial Board, <i>Clinical and Translational Science (CTS)</i> (new journal)
2008-2011	Editorial Board, <i>Bioanalytical Reviews</i>
2008, 2011	American College of Rheumatology Abstract Review Committee
2008	Lupus Foundation of America, 2008 Male Lupus Review Committee
2008, 2010, 2011	JDRF Biomarkers of Autoimmunity Study Section Reviewer
2009-2018	Member, Committee on Professionalism, Performance, and Promotion (CP3), Stanford University
2010	Lupus Foundation of America, Student Fellowship Grant Applications
2010-2011	Lupus Foundation of America, Research Initiative Study Section Review
2010-2012	Advisory Board, TRACER, part of the Center for Translational Molecular Medicine (CTMM), The Netherlands
2010-Present	Faculty Mentor, Stanford University School of Medicine, Cardiovascular Institute Faculty Development Committee
2011	National Institutes of Allergy and Infectious Disease (NIAID) Special Study Section Reviewer
2011-2019	Member, New Learning Strategies and Pathways Curricular Reform Working Group, Stanford University
2012	Section Reviewer, National Institutes of Health, Vaccines against Microbial Diseases Study
2013-2018	Co-Chair, Task Force for Advancing the Culture of Laboratory Safety at Stanford University
2014-2018	Member, Biosciences Innovation Committee, Stanford University
2015-2018	Member, Stanford University Committee on Health and Safety
2015-Present	Senior Advisory Board, Office of the Dean, Stanford University
2016-2019	Member, Stanford University Biomedical Innovation/Basic Science Workgroup
2017-Present	Arthritis National Research Foundation Scientific Advisory Board
2017-2018	Faculty Resource Advisor, Diversifying Academia, Recruiting Excellence (DARE) Doctoral Fellowship Program, Office of Vice Provost for Graduate Education, Stanford University
2018-Present	Member, Medical Education Steering Committee, Office of the Dean, Stanford University
2018-Present	Member, ITI Medical Education Leadership Committee, Stanford University
2018-Present	Member, CCGAP Advisory Group, Stanford University
2018-Present	Member, CGAP Advisory Group, Stanford University
2019-Present	Member, SMSA Education and Administrative Committee, Office of the Dean, Stanford University
2019-Present	Member, Discovery Curriculum Pathways (Split) Advisory Committee, Stanford University

2020-Present	Member, MD Program, Liaison Committee on Medical Education (LCME), Office of the Dean, Stanford University
2020-Present	Member, COVID-19 Educational Advisory Group, Department of Medicine, Stanford University
2020	Member, Longitudinal Preclerkship Pathway Subgroup, Stanford University
2020	Faculty Director, MSTP COVID-19 Journal Club, Stanford University
2020-Present	Co-Chair, LCME Working Group on Committee on Admissions, Stanford University
2020-2022	Member, SHARE Title IX Advisory Council, Stanford University
2021-Present	Vice Chair of the RECOVER Immunology and Hematology Pathobiology Task Force Committee
2022-Present	Evaluation Committee Member, 2021 Global Team Science Awards (GTSA), Lupus Research Alliance
2022-Present	Member, Committee to Advise on Physician Scientist Training Program (PSTP) and Berg Scholars Program Admissions Process, Stanford University
2022-2024	Member, KL2 Mentored Career Development Award Council of Mentors, Stanford University
2023-Present	Steering Committee Member, Lupus Research Alliance Strategic Planning Committee

AWARDS AND HONORS:

1982-1986	King's College Dean's List, <i>Summa cum laude</i>
1982-1986	King's College Scholarship Committee Award
1982	Bausch and Lomb Science Award
1983	CRC Chemistry Award
1985	Sidney Farber Research Award, Roswell Park Memorial Institute, Buffalo N.Y.
1985-1986	Aquinas Society
1986	Center for Independent Learning Achievement Award
1986	Regina Award for Biology
1987	Stanford Medical Scholars Fellowship
1988	Alpha Epsilon Delta, Vice President
1988	Delta Epsilon Sigma
1988-1989	American Heart Association/Merck Student Research Fellowship
1988-1989	Pharmaceutical Manufacturer's Association Advanced Predoctoral Fellowship in Pharmacology and Toxicology
1991	Stanford Clinical Medicine Award
2000	Donald and Delia Baxter Fellow
2000	Millenium/FOCIS Genomics/Proteomics Award Nominee
2002	Stanford University, Department of Medicine Divisional Teaching Award
2002	Stanford University Immunology Graduate Program Teaching and Mentoring Award
2002	MIT TR100 Award Nominee (Top 100 Young Innovators in the World, ultimately not eligible due to age).
2006	The Kunkel Society (Elected)
2007	American Society for Clinical Investigation (Elected)
2007	The Mary Jane Kugel Award, Medical Science Review Committee, Juvenile Diabetes Research Foundation
2006-2007	Exceptional Preceptor Certificate of Appreciation, Stanford University School of

2008-2009	Medicine, Ambulatory Medicine Clerkship Stanford University Office of Diversity and Leadership, School of Medicine Faculty Fellow
2009	Department of Medicine Teaching Award, Stanford University School of Medicine
2009	Mayo Clinic, Distinguished Visiting Professor, Department of Medicine at Mayo Clinic, MN
2012	Immunology and Rheumatology Division Teaching Award, Stanford University School of Medicine
2016	Rheumatology Visiting Professor, UC Denver
2017	Visiting Professor, Hampton College
2018	Speaker, Immunology Seminar Series and Grand Rounds, University of Pittsburgh
2021	King's College Alumni Award: Professional Achievement – Arts & Sciences
2023	Guest Speaker, Distinguished Seminar Immunology Series, University of Buffalo

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Association for the Advancement of Science
American College of Rheumatology
Association for Medical Laboratory Immunologists
Clinical Immunology Society
American Association of Immunologists

CURRENT GRANTS AWARDED:

1 R21 AI59578-02

National Institutes of Health

Investigation of Epigenetic Dysregulation in Lupus NK Cells

Principal Investigator: Paul J. Utz, MD

Dates of Project: 04/01/2021-03/31/2024

1 R01CA227481-01A1

National Institutes of Health

(PQ8) Patient-And Tumor-Specific Biomarkers and Mechanisms that Predict irAEs Resulting from Checkpoint Inhibition (Subcontract)

Co-Investigator: Paul J. Utz, MD

Dates of Project: 04/01/2019-03/31/2024

Project Number: 72885351

Amgen Foundation, Inc

Stanford Institutes of Medicine Summer Research Program- Bioengineering (BioDesign)

Principal Investigator: Paul J. Utz, MD

Dates of Project: 04/01/2022-03/31/2024

Project Number: 276613

Pfizer, Inc.

Paxlovid Treatment in PASC: Randomized Double-Blind Placebo-Controlled Pilot Trial

Co-Investigator: Paul J. Utz, MD

Dates of Project: 10/12/2022- 04/30/2024

OTA-21-015E; ADU-15-21

National Institutes of Health
Characterization of Autoantibodies in PASC (Supplement)
Principal Investigator: Paul J. Utz, MD
Dates of Project: 03/01/2023 - 05/23/2024

ADU-15-21
National Institutes of Health
Sequencing B Cell Repertoires to Elucidate Autoantibodies and the Role of EBV in PASC (Supplement)
Co-Investigator: Paul J. Utz, MD
Dates of Project: 06/01/2023 - 05/31/2024

OT2HL161847
National Institutes of Health
Researching COVID to Enhance Recovery (RECOVER) Initiative: A multi-site Observational Study of Post-Acute Sequelae of SARS-CoV-2 Infection in Adults (Supplement)
Co-Investigator: Paul J. Utz, MD
Dates of Project: 06/01/2023-05/31/2024

1 R21AI172061-01
National Institutes of Health
Epigenetic Histone Landscape Profiles in HIV
Principal Investigator: Paul J. Utz, MD
Dates of Project: 07/01/2022-06/30/2024

Burroughs Wellcome Fund, Physician-Scientist Institutional Award
Stanford-Burroughs Wellcome Fund (BWF) Scholars Program
Principal Investigator: Paul J. Utz, MD
Dates of Project: 09/01/2018-08/31/2024

Doris Duke Charitable Foundation
Stanford Institutes of Medicine Summer Research Program- Clinical Research Experiences
Principal Investigator: Paul J. Utz, MD
Dates of Project: 01/01/2021-12/31/2024

OT2HL161847-01
National Institutes of Health
Stanford Post-Acute Recovery Cohort (SPARK)
Co-Investigator: Paul J. Utz, MD
Dates of Project: 04/01/2021-03/31/2025

California Institute for Regenerative Medicine
(SPARK EDUC3)
Stem Cell and Regenerative Medicine- High School Summer Research Internship
Principal Investigator: Paul J. Utz, MD
Dates of Project: 01/01/2022-12/31/2027

1 R01 AI175698-01
National Institutes of Health

The Protective and Pathologic Features of the EVD Survivor Immune System

Co-Investigator: Paul J, Utz, MD

Dates of Project: 05/09/2023 - 04/30/2028

1 R01AI175771-01

National Institutes of Health

Elucidating the Immunology and Autoantibody Inflammation and Function in COVID-19

Co-Investigator: Paul J. Utz, MD

Dates of Project: 07/11/2023-06/30/2028

Pending:

1 R01 AI182319-01

National Institutes of Health

Mechanisms of BNT162b2 Vaccine Immunogenicity in Systemic Lupus Erythematosus or Scleroderma

Principal Investigator: PJ Utz, MD

Dates of Project: 04/01/2024-03/31/2029

PUBLICATIONS: 222 (Published, In Press, Submitted, In Revision)

1. Shaw JP, **Utz PJ**, Durand DB, Toole JJ, Emmel EA, Crabtree GR. Identification of a putative regulator of early T-cell activation genes. 1988. **Science** 241(4862):202-205.
2. Sylvester PW, **Utz PJ**, Ip MM. Effects of the thiazolidinedione derivative CGP 19984 on growth and endocrine function of the MtTW10 transplantable mammosomatotropic pituitary tumor in the female rat. 1988. **Int J Cancer**. 42:289-294.
3. Naumovski L, **Utz PJ**, Bergstrom SK, Morgan R, Molina A, Toole JJ, Glader BE, McFall P, Weiss LM, Warnke R, Smith SD. SUP-HD1: A new Hodgkin's disease-derived cell line with lymphoid features produces interferon gamma. 1989. **Blood** 74:2733-2742.
4. Varon J, Hamilton JR, Hostetler J, **Utz PJ**, Ganer A. Meningitis due to Group C streptococci. 1991. **Hospital Physician** 31-33.
5. **Utz PJ**, Hottetlet M, Schur PH, Anderson P. Proteins phosphorylated during stress-induced apoptosis are common targets for autoantibody production in patients with systemic lupus erythematosus. 1997. **J Exp Med**. 185:843-854. PMID: PMC2196161
6. **Utz PJ**, Hottetlet M, van Venrooij WJ, Anderson P. Association of phosphorylated serine/arginine (SR) splicing factors with the U1-snRNP autoantigen complex accompanies apoptotic cell death. 1998. **J Exp Med**. 187:547-560. PMID: PMC2212144
7. **Utz PJ**, Hottetlet M, Kim S, Geiger M, Le T, vanVenrooij WJ, Anderson P. The 72 kDa component of signal recognition particle (SRP) is cleaved during apoptosis. 1998. **J Biol Chem**. 273:35362-35370.
8. **Utz PJ**, Anderson P. *Review: Posttranslational Protein Modifications, Apoptosis, and the Bypass of*

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- Tolerance to Autoantigens. 1998. **Arthritis Rheum.** 41:1152-1160.
9. Rutjes SA, van der Heijden A, **Utz PJ**, van Venrooij WJ, Pruijn GJ. Rapid nucleolytic degradation of the small cytoplasmic Y RNAs during apoptosis. 1999. **J Biol Chem.** 274(35):24799-24807.
 10. Rutjes SA, **Utz PJ**, Broekhuis C, van der Heijden A, van Venrooij WJ, Pruijn GJ. The La (SS-B) autoantigen, a key protein in RNA biogenesis, is dephosphorylated and cleaved early during apoptosis. 1999. **Cell Death Differ.** 6:976-986.
 11. Degen WG, van Aarssen Y, Piepers P, Pruijn GJM, **Utz PJ**, van Venrooij WJ. The fate of the U1 small nuclear RNP complex during anti-Fas induced apoptosis: specific cleavage of the U1 snRNA molecule. 2000. **Cell Death Differ.** 7:70-80.
 12. Overzet K, Gensler TJ, Geiger ME, Kim SJ, Hottel M, van Venrooij WJ, Pollard KM, Anderson P, **Utz PJ**. Small nucleolar ribonucleoprotein (snoRNP) scleroderma autoantigens associate with phosphorylated serine arginine (SR) splicing factors during apoptosis. **Arthritis Rheum.** 2000. 43:1327-1336.
 13. **Utz PJ**, Anderson P. *Review: Life and Death Decisions: Regulation of Apoptosis by Proteolysis of Signaling Molecules.* **Cell Death Differ.** 2000. 7:589-602.
 14. **Utz PJ**, Gensler TJ, Anderson P. *Review: Death, autoantigen modifications, and tolerance.* **Arthritis Res.** 2000. 2:101-114. PMID: PMC129993
 15. Gensler T, Hottel M, Zhang C, Schlossman S, Anderson P, **Utz PJ**. Monoclonal antibodies derived from Balb/c mice immunized with apoptotic Jurkat T cells recognize known autoantigens. **J Autoimm.** 2001. 16:59-69.
 16. **Utz PJ**. Report of the XXX EWRR, Vienna, Austria, March 2001. **Arth. Res.** 2001. 3:237-240.
 17. Robinson WH, DiGennaro C, Hueber W, Haab BB, Kamachi M, Dean EJ, Fournel S, Fong D, Genovese MC, Neuman de Vegvar HE, Steiner G, Hirschberg DL, Morris RI, Muller S, Pruijn GJ, van Venrooij WJ, Smolen JS, Brown PO, Steinman L, **Utz PJ**. Autoantigen Microarrays for multiplex characterization of autoantibody responses. 2002. **Nature Med.** 8:295-301.
 18. Hueber W, Steinman L, **Utz PJ**, Robinson WH. *Review: Autoantibody profiling for the study and treatment of autoimmune disease.* 2002. **Arthritis Res.** 4:290-295.
 19. Robinson WH, Garren H, **Utz PJ**, Steinman L. Millennium Award: Proteomics for the development of DNA tolerizing vaccines to treat autoimmune disease. 2002. **Clin. Immunol.** 103:7-12.
 20. Robinson WH, Steinman L, **Utz PJ**. *Review: Proteomics technologies for the study of autoimmune disease.* 2002. **Arthritis Rheum.** 4:885-893.
 21. Kamachi M, Le TM, Kim S, Geiger ME, Anderson P, **Utz PJ**. Human autoimmune sera: molecular probes for the identification of a novel autoantigen kinase signalling pathway. 2002. **J Exp Med.** 196:1213-1226. PMID: PMC2194102

22. Zhang C, Ao Z, **Utz PJ**, Schlossman SF. Generation and characterization of monoclonal antibodies to autoantigen Ku70 by immunizing mice with apoptotic cells. 2002. **Seventh Workshop and Conference on Human Leukocyte Differentiation Antigens**. 524-526.
23. Robinson WH, Steinman L, **Utz PJ**. Protein and peptide array analysis of autoimmune disease. **Biotechniques** 2002, December, Suppl:66-69.
24. A.E. Herr AE, Molho JI, Drouvalakis KA, Mikkelsen JC, **Utz PJ**, Santiago JG, Kenny TW. On-Chip coupling of isoelectric focusing and free solution electrophoresis for multi-dimensional separations. 2003. **Anal Chem**. 75:1180-1187.
25. Chen RJ, Bangsaruntip S, Drouvalakis KA, Kam NWS, Shim M, Li Y, Kim W, **Utz PJ**, Dai H. Noncovalent functionalization of carbon nanotubes for highly specific electronic sensors. 2003. **Proc. Natl. Acad. Sci. USA** 100:4984-4989. PMCID: PMC154284
26. Thibault DL, **Utz PJ**. *Viewpoint*: Interpreting interest in interferon- α . 2003. **Arthritis Res Ther**. 5:246-248. PMCID: PMC193733
27. Hueber W, **Utz PJ**. Modifications of RNA during apoptosis. 2003. *In*: Apoptosis and Autoimmunity, pps. 299-315. Edited by Joachim Kalden and Martin Herrmann.
28. Robinson WH, Fontoura P, Lee BJ, Neuman de Vegvar HE, Tom J, Pedotti R, DiGennaro CD, Mitchell DJ, Fong D, Ho PPK, Ruiz P, Maverakis E, Stevens DB, Bernard CCA, Martin R, Kuchroo VK, van Noort JM, Genain CP, Amor S, Olsson T, **Utz PJ***, Garren H*, Steinman L*. Protein microarrays guide tolerizing DNA vaccine treatment of autoimmune encephalomyelitis. 2003. **Nat Biotechnol**. 21:1033-1039. *All three authors contributed equally to this paper.
29. Neuman de Vegvar HE, Amara RR, Steinman L, **Utz PJ**, Robinson HL, Robinson WH. Microarray profiling of antibody responses against Simian-Human immunodeficiency virus: postchallenge convergence of reactivities independent of host histocompatibility type and vaccine regimen. 2003. **J Virol**. 77:11125-11138. PMCID:PMC224970
30. Hueber W, **Utz PJ**, Robinson WH. Autoantibodies in early arthritis: Advances in diagnosis and prognostication. 2003. **Clin Exp Rheumatol**. 21:S59-S64.
31. Robinson WL, Steinman L, **Utz PJ**. Protein arrays for autoantibody profiling and fine-specific mapping. 2003. **Proteomics** 11:2077-2084.
32. Robinson WH, **Utz PJ**, Steinman L. Genomic and proteomic analysis of multiple sclerosis.2003. **Curr Opin Immunol**. 15:660-667.
33. **Utz PJ**, Genovese MC, Robinson WH. Unlocking the “PAD” lock on rheumatoid arthritis. 2004. **Ann Rheum Dis**. 4:330-332. PMCID: PMC1754966
34. Chung L, **Utz PJ**. Autoantibodies in scleroderma: direct pathogenicity and phenotypic associations. 2003. **Curr Rheum Rep**. 6:156-163. PMID:15016347

35. **Utz, PJ.** Hot technologies in immunology. 2004. **Clin Immunol.** 111:153-154.
36. Graham KL, Gustin KE, Rivera C, Kuyumcu-Martinez NM, Choe SS, Lloyd RE, Sarnow P, **Utz PJ.** Proteolytic cleavage of the catalytic subunit of the DNA-dependent protein kinase during poliovirus infection. 2004. **J Virol.** 78:6313-6321. PMID: PMC416498
37. Hueber W, Zeng D, Sharpe O, Robinson WH, Strober S, **Utz PJ.** Characterization of novel antigens recognized by serum autoantibodies from anti-CD1 TCR-transgenic lupus mice. 2004. **Eur J Immunol.** 34:1654-1662. PMID:15162435
38. **Utz PJ.** Multiplexed assays for identification of biomarkers and surrogate markers in SLE. 2004. **Lupus** 13:304-311.
39. Graham KL, Robinson WH, Steinman L, **Utz PJ.** High-throughput methods for measuring autoantibodies in systemic lupus erythematosus and other autoimmune diseases. 2004. **Autoimmunity** 37: 269-272.
40. Hueber W, Zeng D, Strober S, **Utz PJ.** Interferon-alpha-inducible proteins are novel autoantigens in murine lupus. 2004. **Arthritis Rheum.** 50:3239-3249.
41. **Utz PJ,** Chan S. Autoantibody profiling and lymphocyte characterization using autoantigen and lysate arrays. *In: Pathogenic and Diagnostic Relevance of Autoantibodies*, K. Conrad, R.-L. Humbel, M. Meurer, Y. Shoenfeld, E. M. Tan (Eds), pps. 473-483, 7th Dresden Symposium on Autoantibodies, Dresden, September 1-4, 2004.
42. Chan S, Ermann J, Su L, Fathman CG, **Utz PJ.** Protein microarrays for multiplex analysis of signal transduction pathways. 2004. **Nat Med.** 10:1390-1396.
43. Su L, Creusot RJ, Gallo E, Chan SM, **Utz PJ,** Fathman CG, Ermann J. Murine CD4⁺ CD25⁺ regulatory T cells fail to undergo chromatin remodeling across the proximal promoter region of the IL-2 gene. 2004. **J Immunol.** 173:4994-5001.
44. **Utz PJ,** Steinman L, Robinson WH. Protein microarrays for analysis of antibody responses in animals and humans. *In: Protein Microarrays*, Chap.19, pgs. 365-376, Edited by Michael Schena, Ph.D., Jones and Bartlett, Sudbury, MA. 2004.
45. **Utz PJ.** Protein arrays for studying blood cells and their secreted products. 2005. **Immunol Rev.** 204:264-282.
46. Huston DP, Fathman CG, **Utz PJ.** Fostering interdisciplinary immunology. 2005. **Clin Immunol.** 15:1-2.
47. Fathman CG, Soares L, Chan SM, **Utz PJ.** An array of possibilities for the study of autoimmunity. 2005. **Nature** 435:605-611.
48. Graham KL, Thibault DL, Kamachi M, Zhao S, Steinman J, Okeke L, Kao PN, **Utz PJ.**

Granzyme B is dispensable for immunological tolerance to self in a murine model of systemic lupus erythematosus. 2005. **Arthritis Rheum.** 52:1684-1693.

49. Steinman L, **Utz PJ**, Robinson WH. Suppression of autoimmunity via microbial mimics of altered Peptide ligands. 2005. **Curr Top Microbiol Immunol.** 296:55-63.
50. Graham KL, **Utz PJ**. Sources of autoantigens in systemic lupus erythematosus. 2005. **Curr Opin Rheumatol.** 17:513-517.
51. Hueber W, Kidd BA, Toomoka BH, Lee BJ, Bruce B, Fries JF, Sonderstrup G, Monach P, Drijfhout JW, Venrooij WV, **Utz PJ**, Genovese M, Robinson WR. Antigen microarray profiling of autoantibodies in rheumatoid arthritis. 2005. **Arthritis Rheum.** 52:2645-2655.
52. Huang M, Ida H, Kamachi M, Iwanaga N, Izumi Y, Tanaka F, Aratake K, Arima K, Tamai M, Hida A, Nakamura H, Origuchi T, Kawakami A, Ogawa N, Sugai S, **Utz PJ**, Eguchi K. Detection of apoptosis-specific autoantibodies directed against granzyme B-induced cleavage fragments of the SS-B (La) autoantigen in sera from patients with primary Sjögren's Syndrome. 2005. **Clin Exp Immunol.** 42:148-154. PMID: PMC1809481
53. Ida I, **Utz PJ**, Anderson P, K. Eguchi K. Granzyme B and natural killer (NK) death. 2005. **Mod Rheumatol.** 15:315-322.
54. Chan SM, **Utz PJ**. The challenge of analyzing the proteome in humans with autoimmune diseases. 2005. **Ann NY Acad Sci.** 1062:61-68.
55. Balboni I, Chan SM, Kattah M, Tenenbaum JD, Butte AJ, **Utz PJ**. Multiplexed protein array platforms for analysis of autoimmune diseases. *In: Annual Review of Immunology*, W. Paul, C.G. Fathman, L.H. Glimcher (Eds), pps. 391-418, Vol. 24, 2006.
56. Chan SM, Olson J, **Utz PJ**. Single-cell analysis of siRNA-mediated gene silencing using multiparameter flow cytometry. 2006. **Cytometry A.** 69A(2):59-65.
57. Kattah MG, Alemi GR, Thibault DL, **Utz PJ**. A novel two-color fab labeling method for autoantigen protein microarrays. 2006. **Nat Methods** 9:745-751.
58. Paniagua RT, Sharpe O, Ho PP, Chan SM, Chang A, Higgins JP, Tomooka BH, Thomas FM, Song JJ, Goodman SB, Genovese MC, **Utz PJ**, Steinman L, Robinson WR. Selective tyrosine kinase inhibition by imatinib mesylate for the treatment of rheumatoid arthritis. 2006. **J Clin Invest.** 116:2633-2642. PMID: PMC1564430
59. Sekine H, Graham KL, Zhao S, Elliott MK, Ruiz P, Morel L, Holers VM, **Utz PJ**, Gilkeson GS. Role of MHC-linked genes in autoantigen selection and renal disease in a murine model of SLE. 2006. **J Immunol.** 177:7423-7434. PMID: PMC1855370
60. Graham KL, Vaysberg M, Kuo A, **Utz PJ**. Autoantigen arrays for multiplex analysis of antibody isotypes. 2006. **Proteomics** 21:5720-5724.

61. Shi X, Kachirskaia I, Walter K, Kuo A, Lake A, Davrazou F, Chan SM, Martin DGE, Fingerman IM, Briggs SD, Howe L, **Utz PJ**, Kutateladze TG, Lugovskoy AA, Bedford MT, Gozani O. Proteome-wide analysis in *S cerevisiae* identifies several PHD fingers as novel direct and selective binding modules of histone H3 methylated at either lysine 4 or lysine 36. 2007. **J Biol Chem.** 282:2450-2455. PMID:PMC2735445
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212. Sinha R, Dvorak M, Ganesan A, Kalesinskas L, Niemeyer C, Flotho C, Sakamoto K, Lacayo N, Patil R, Perriman R, Cepika A-M, Liu YL, Kuo A, **Utz PJ**, Khatri P, Bertaina A. Epigenetic profiling of PTPN11 mutant JMML hematopoietic stem and progenitor cells reveals an aberrant histone landscape. 2023. **Cancers**. 15 (21):5204. PMID:PMC10650722
213. Zaslavsky ME, Craig E, Michuda JK, Ram-Mohan N, Lee J-Y, Nguyen KD, Hoh RA, Pham TD, Parsons ES, Roskin KM, Cunningham-Rundles C, Moody MA, Haynes BF, Goldman JD, Heath JR, Balboni I, **Utz PJ**, Nadeau KC, Pinsky BA, Blish CA, Merrill JT, Guthridge JM, James JA, Yang S, Tibshirani R, Kundaje A, Boyd SD. Disease diagnostics using machine learning of immune receptors. 2023. **bioRxiv**. doi: 10.1101/2022.04.26.489314. Preprint. PMID:PMC9094102
214. Lee AS, Aguilera J, Efobi JA, Jung YS, Seastedt H, Shah MM, Yang E, Konvinse K, **Utz PJ**, Sampath V, Nadeau KC. Climate change and public health: the effects of global warming on the risk of allergies and autoimmune diseases. 2023. **EMBO Rep**. 24(4):e56821. PMID:PMC100774113
215. Sarin KY, Zheng H, Chaichian Y, Arunachalam PS, Swaminathan G, Eschholz A, Gao F, Wirz O, Lam B, Tang E, Lee L, Feng A, Lewis MA, Lin J, Maecker HT, Boyd SD, Davis MM, Nadeau KC, Pulendran B, Khatri P, **Utz PJ**, Zaba LC. Impaired innate and adaptive immune responses to BNT162b2 SARS-CoV-2 vaccination in systemic lupus erythematosus. 2023. Accepted to **JCI**.
216. Dou DR, Zhao Y, Belk JA, Zhao Y, Casey KM, Chen D, Li R, Yu B, Abe BT, Kraft K, Hellström C, Sjöberg R, Chang S, Feng A, Goldman DW, Shah AA, Petri M, Wigley FM, Chung LS, Fiorentino DF, Lundberg EK, Wutz A, **Utz PJ**, Chang HY. XIST ribonucleoproteins promote female sex-biased autoimmunity. 2023. Submitted to **Cell**.
217. Lee LW, Feng A, **Utz PJ**, Milla CE, Kim PS. Neutralization breath and potency of antibody response to mRNA-based SARS-CoV-2 vaccines in Persons with Cystic Fibrosis. 2023.

Submitted to **J. Cystic Fibrosis**.

218. Ty M, Sun S, Callaway PC, Rek J, Press KD, van der Pleg K, Nideffer J, Hu Z, Klemm S, Greenleaf W, Conato M, Tukwaibwe S, Arinaitwe E, Nakya F, Musinguzi K, Andrew D, de la Parte L, Mori DM, Lewis SN, Takahashi S, Rodriguez-Barraquer I, Greenhouse B, Blish C, **Utz PJ**, Khatri P, Dorey G, Kanya M, Boyle M, Feeney M, Ssewanyana I, Jagannathan P. Malaria-driven expansion of adaptive-like functional CD56-negative NK cells correlates with clinical immunity to malaria. 2023. Submitted to **Science Transl Med**.
219. Castano D, Wang S, Sharpe H, Bustamante J, Yang E, Feng A, Romberg ND, Tobias JW, **Utz PJ**, Henrickson SE, Casanova J-L, Locci M. IL-12 shapes the differentiation of human T follicular regulatory cells. 2023. Submitted to **Science Immunol**.
220. Williams CS, Carethers JM, Koretzky GA, Rahmell WK, **Utz PJ**, Rhee KY. Fracture repair: healing the break in physician-scientist training. 2023. Submitted to **NEJM**.
221. Akama-Garren EH, Yin X, Prestwood TR, Ma M, Kisielow J, Kopf M, **Utz PJ**, Carroll MC. Loss of B cell tolerance is TCR dependent. 2023. Submitted to **Nature**.
222. Fava A, Wagner C, Guthridge C, Kheir J, Macwana S, DeJager W, Gross T, Izmirly P, Belmont H, Diamond D, Davidson A, **Utz PJ**, Weissman M, Guthridge J, Petri M, Buyon J, James J. Association of autoantibody concentrations and trajectories with lupus nephritis histological features and treatment response. 2023. Submitted to **Arth. Rheum**.

SELECTED INVITED PRESENTATIONS (from a total of 100+)

1. 02/2020 National Academy of Medicine 2020 Meeting, Washington, DC
Physician Scientist Support Foundation, “Overview of Life as a Physician Scientist Career”
2. 08/2020 Hampton University Physician-Scientist Research Seminar
“Life as a Physician Scientist”
3. 10/2020 Hampton University Physician-Scientist Freshman Seminar
“Careers in STEM and Health Care”
4. 10/2020 Howard University Physician-Scientist Research Seminar
“Life as a Physician Scientist”
5. 10/2020 Xavier University of Louisiana Physician-Scientist Research Seminar
“Life as a Physician Scientist”
6. 10/2020 Coppin State University Physician-Scientist Research Seminar
“Life as a Physician Scientist”
7. 11/2020 ACR, American College of Rheumatology Convergence 2020

Session Host, Rheumatology Cutting Edge: Imaging Genomics and Emerging Rheumatology.

8. 12/2020 NIAID Workshop on Post-Acute Sequelae of COVID-19
Invited Workshop Participant, Immunologic/Rheumatologic Break-Out Session.
9. 02/2021 Internal Medicine Research Grand Rounds, Rush University
“Multiplexed Antigen Arrays for Profiling Antibody Responses in COVID-19”
10. 03/2021 Science Seminar, Cardiff University
“Multiplexed Antigen Arrays for Profiling Antibody Responses in COVID-19”
11. 03/2021 Medicine Grand Rounds, Stanford University
“Autoantibodies and COVID-19”
12. 04/2021 Longest Year, Brightest Moments Recorded Video by Stanford Medicine
“COVID-19 Challenges and Opportunities of the Last Year”
13. 05/2021 Noel Rose Scientific Colloquium, University of Michigan
“Is Long COVID an Autoimmune Disease?”
14. 05/2021 Stanford ITI COVID-19 Mini Symposium, Stanford University
“Protein Arrays for Profiling Autoantibody Responses in COVID-19”
15. 09/2021 Immunology Colloquium Seminar Series, Penn Institute for Immunology
“COVID-19 and Autoimmunity”
16. 09/2021 Center for Cytokine Storm Treatment & Laboratory (CSTL)
Penn Orphan Disease Center, Perelman School of Medicine, Univ. of Penn
“Castleman Disease and COVID-19”
17. 09/2021 1st International Symposium on Castleman Disease (ISCD 2021), Japan
“Basic, Clinical, Epidemiological Research of Castleman Disease.”
19. 09/2021 Lupus 21st Century 2021 Conference, Virtual and Tucson, AZ
“Overview of Antibodies in COVID-19”
20. 11/2021 Arthritis National Research Foundation Research Series
“Autoimmunity and COVID-19: What a Pandemic is Teaching Us About Autoimmune Diseases in Humans.”
21. 12/2021 Antibody Engineering & Therapeutics, Session: Antibody Repertoires and COVID-19, Sponsored by: Informa
“Autoantibodies in COVID-19 Infections and Vaccinations.”
22. 03/2022 ACTIV Post-Acute Sequelae of SARS-CoV-2 Seminar Series
“Autoantibodies and Infection”.

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23. 04/2022 Stanford ITI Autoimmune & Allergy Supergroup
“Infections as Potential Triggers of Autoimmunity”
 24. 06/2022 Neuroscience Convergence 2022
“The Endangered Physician Scientist”
 25. 08/2022 NHLBI Workshop on Medical Student Research Training
“Medical Students without PhD training: Stanford’s Medical Student PSTP and Berg Scholars Programs”.
 26. 11/2022 SUNY-UWI Health Research Consortium
“Clinical Immunity”
 27. 03/2023 ACR/Pediatric Rheumatology Symposium, New Orleans, LA
“Autoantibodies in COVID-19”
 28. 06/2023 Disguised Seminar Speaker, Immunology, University of Buffalo
“Autoantibodies in COVID-19”
 29. 06/2023 Physician-Scientist Research Symposium, Chan -Zuckeberg Biohub Network
San Francisco, CA
Panelist: Prescriptions to Revitalize the Physician-Scientist Workforce
 30. 10/2023 Arthritis Foundation/The Knowles Lecture, Millbrae, CA
“Covid-19, Autoimmunity and Long Covid”
 31. 10/2023 Arthritis National Research Foundation, October 2023 Scholar Cohort Meeting
“My Journey as a Physician Scientist in Translational Immunology & Education”

CONFERENCE ORGANIZER AND/OR CO-ORGANIZER:

1. 07/200 FOCIS Meeting: Hot Technologies, San Francisco, CA.
2. 06/2005 Arthritis Foundation National Research Meeting, Keystone, CO
FOCIS: Advanced Course in Basic & Clinical Immunology, Scottsdale, AZ.
3. 06/2006 FOCIS 2006, 6th Annual Meeting, San Francisco, CA.
4. 03/2007 FOCIS: Advanced Course in Basic & Clinical Immunology, Scottsdale, AZ.
5. 02/2008 FOCIS: Advanced Course in Basic & Clinical Immunology, Scottsdale, AZ.
6. 09/2008 Genentech/Biogen-IDEc B-Cell Summit, Targeting B Cells in the Treatment
of Immune-Mediated Disease, Newport Beach, CA.
7. 12/2010 Genentech Translational Immunology Summit, Rancho Palos Verdes, CA

8. 10/2012 EU-INTRICATE: Workshop on Vasculitis and Infectious Triggers, Stanford University, CA
9. 01/2014 Novo Nordisk Symposium, Stanford University, CA
10. 11/2015 Novo Nordisk Symposium, Stanford University, CA
11. 11/2017 Doris Duke CRC Director's Conference, Stanford University, CA
12. 04/2023 Physician-Scientist Training Program Symposium, Stanford University, CA

SCIENTISTS TRAINED:

Name	Position	Training Period	Current Position
Hottelet, Maria	Research Assistant	07/96-05/98	Ph.D. Graduate Student MIT
Kim, Susan	Resident	07/98-08/99	Boston University Medical Center (graduate)
Geiger, Meghan	Research Assistant	07/98-08/99	OSU Optometry School (graduate)
Gensler, Timothy	Postdoctoral Fellow	07/97-08/99	Denver Arthritis Clinic
Overzet, Karin	Undergraduate Thesis	05/99-08/99	Ph.D. Graduate Student, Holland
Robinson, William	Postdoctoral Fellow	02/00-06/03	Associate Professor, Stanford University
Kamachi, Makoto	Postdoctoral Fellow	05/00-03/03	Instructor, Nagasaki University
Vazquez, Monica	Postdoctoral Fellow	05/01-04/03	Assistant Professor, University of Guadalajara
DiGennaro, Carla	Research Assistant	07/00-07/01	Ph.D. Graduate Student, UC Berkeley (Graduate)
Le, Truc M.	HHMI Fellow	07/00-06/01	Assistant Professor, Stanford Univ.
Tom, Jennifer	Research Assistant	08/01-07/02	Ph.D. Graduate Student, Caltech (Did not complete)
Kuo, Annie	Research Assistant	02/02-09/02	Medical Student, Pritzker
Hueber, Wolfgang	Postdoctoral Fellow	06/00-06/03	Scientist, Novartis Graham,
Kareem	Graduate Student	03/00-05/05	Assistant Professor, Emory
Drouvalakis, Katerina	Postdoctoral Fellow	10/000-6/03	Homemaker, New Mother
Lee, B.J.	Research Assistant	07/02-07/03	Stanford Medical Student (graduate), Duke Orthopedics Residency
Thibault, Donna	Graduate Student	07/02-05/07	Research Scientist, Amgen , Inc
Zhang, Angela	Research Assistant	01/03-07/03	Stanford Immunology Ph.D. Program (graduate), Venture Capitalist
Zhao, Shenru	Research Assistant	01/03-07/05	Psychiatry Resident, Fresno (Graduate)
Tennenbaum, Jessie	Biomedical Informatics	07/03-06/07	Assistant Professor, Duke University Translational Medicine Institute
Lee, Lowen	Research Assistant	10/03-10/07	Applicant for Graduate School
Alemi, Golnaz	Research Assistant	11/03-5/06	OB-GYN Resident, UNLV

Bradford, Kara	Research Assistant	01/05-07/05	Unknown
Chan, Steven	MSTP Student	06/01-2008	Stanford MSTP Graduate, Hematology Internist, Stanford Stanford
Mollick, Joseph	Postdoctoral Fellow	12/02-12/08	Clinical Instructor, Stanford University
Limb, Cindy	Research Assistant	01/03-Present	Utz Lab, SIMR Program Manager
Kattah, Michael	MSTP Student	06/03-2010	Clinical Fellow, Gastroenterology,
Balboni, Mel	Pediatric Rheum Fellow	07/03-09/10	Instructor of Pediatrics, Stanford
Ho, Peggy	Research Associate	08/03-2011	Steinman Lab, Stanford
Teo, Pearline	Graduate Student	07/04-12/08	Postdoctoral Fellow, Singapore
Chruscinski, Andrzej	Postdoctoral Fellow	02/05-12/08	Clinical Fellowship, University of Toronto
Landrigan, Angela	Graduate Student	06/05-11/09	Product and Community Manager, Cytobank, Mountain View, CA
Cham, Candace	Postdoctoral Fellow	07/05-2010	Unknown
Sharp, Veronika	Rheumatology Fellow	08/05-7/06	Attending Physician, Santa Clara Valley Medical Center
Gupta, Ritu	Research Assistant	11/05-1/08	Research Assistant, UCSF
Singh, Harvir	Research Assistant	11/05-7/08	Ph.D. Thesis Student, Rockefeller University
Chu, Alvina	Rheumatology Fellow	07/06-01/11	Anthera Pharmaceuticals, Medical Director
Hannick, Nicole	Graduate Student	05/07-06/10	Student Associate, Finnegan's Patent Law Firm, Washington DC
Cheung, Regina	Graduate Student	07/07-12/12	Associate Disease Area Manager, Cardiovascular Resource Group, Palo Alto, CA
Wong, Michael	Graduate Student	06/07-12/10	Associate Principal Scientist, MSD Pharmaceuticals
Liu, Chih-Long	Postdoctoral Fellow	12/07-12/11	Research Associate, Oncology, Stanford University
Clark, Pamela	Research Assistant	02/08-06/09	Research Assistant at Yale University
Price, Jordan	Graduate Student	08/08-12/12	Postdoctoral Fellow, UC Berkeley
Gupta, Rohit	Research Assistant	06/09-09/13	Chief Medical Officer, Spectrum Solutions
Jarrell, Justin	Research Assistant	09/09-07/13	Senior Scientist, Teiko Biosciences
Tangsombatvisit, Stephanie	Research Assistant	09/09-07/11	Pediatrician, Sacramento, CA
Yiu, Gloria	Predoc-MSTP Student	06/10-06/16	Rheumatology Fellow, UCLA
Kemmer, Dodge	LSRA	06/10-12/12	European Golf Tour
Haddon, Jamie	Postdoctoral Fellow	03/11-07/16	Lead Program Scientist, BigHat Biosciences
Mandelbaum, Gil	LSRA	11/11-06/12	Harvard Ph.D. Student
Rosenberg, Jake	Predoc-MSTP Student	02/12-06/16	Clinical Staff Physician, ID, Mass General
Diep, Vivian	LSRA	04/12-08/15	Physician Assistant, Stanford HealthCare
Wand, Hannah	LSRA	09/13-08/15	Biomedical Data Science, Stanford
Kuo, Alex	Senior Research Scientist	04/14-05/21	Searching for Industry position
Peggie Cheung	Senior Research Scientist	04/14-02/21	Homemaker/Career Break
Winn Haynes	Graduate Student	06/14-06/18	Senior Data Scientist, BigHat Biosciences

Erika Bongen	Graduate Student	06/14-12/18	Scientist, Bristol Myers Squibb
Ayoglu, Burcu	Visiting Postdoctoral Fellow	11/15-11/17	Scientist in the lab of Jochen Schwenk, Stockholm, Sweden
Mina Pichavant	Program Director	07/15-12/18	Program Director Stanford CIMAC
Kelly McGill	Graduate Student	07/15-01/22	Graduated with Masters, Stanford
Sarah Chang	LSRA	10/16-04/21	Genentech, Research Assistant
Mai Dvorak	LSRA	10/17-09/20	Stanford Graduate School
Rong Mao	PhD	01/18-11/20	Industry position
Avani Khatri	Data Scientist	03/18-06/19	Purvesh Khatri Lab, Stanford University
Mariko Foecke	LSRA	06/18-07/19	Graduate Student, UCSF
Shaurya Dhingra	LSRA	01/21-06/21	Medical School, Univ of Illinois
Allen Feng	LSRA	04/21-06/22	Stanford University Medical School
Gayathri Swaminathan	Research Scientist	04/21-10/22	Research Dev. Strategist, Stanford GI
Emily Yang	LSRA	07/21-06/23	Stanford Medical School
Xihui Yin	LSRA	08/21-present	Utz Lab, Research Assistant
Tyler Prestwood	Psychiatry Resident	01/22-present	Utz Lab, Research Resident
Peter Carolina	LSRA	01/22-present	Utz Lab, Research Assistant
Marlyna Harris	LSRA	01/22-present	Utz Lab, Research Assistant
Rizwan Ahmed	Senior Research Scientist	03/22-present	Utz Lab, Senior Research Scientist
Ana Navarro	Pulmonary Fellow	07/22-present	Utz Lab, Medical Fellow
Haley Morin	Medical Student	07/22-11/22	Stanford Graduate Student
Michael Burry	Summer College Student	06/22-08/22	Undergraduate in College
Quinton Markett	LSRA	07/22-present	Utz Lab, Research Assistant
Alysa Rallistan	LSRA	07/22-present	Utz Lab, Research Assistant

Thesis Students and Doctoral Thesis Committees:

Student	School/Program	Advisor	Role
Chuan-Hua Chen	'03 Engineering/ME	Santiago	Thesis Committee Chair
Kareem L. Graham	'05 Medicine/Immunology	Utz	Thesis Advisor
Andrew Snow	'05 Medicine/Immunology	Martinez	Thesis Committee Chair
Noah Saederstrup	'01 Medicine/M & I	Mocarski	Thesis Committee Chair
Kelvin Neu	MSTP/Immunology	Crabtree	Thesis Committee Chair
Samuel Cheshier	'02 MSTP/Immunology	Weissman	Thesis Committee Chair
Christine Hsieh	'05 Medicine/Immunology	Krams	Thesis Committee
David Huber	'06 Engineering/ME	Santiago	Thesis Committee Chair
Steven Chan	'06 MSTP/Immunology	Utz	Thesis Advisor
Erica Riddle	'05 Medicine/Immunology	Krams	Thesis Committee Chair
Tracy Staton	'05 Medicine/Immunology	Butcher	Thesis Committee Chair
Donna Thibault	'07 Medicine/Immunology	Utz	Thesis Advisor
Chris Haines	'08 Medicine/Immunology	Lewis	Thesis Committee
Eun Mi Hur	'06 Medicine/Immunology	Steinman	Thesis Committee Chair
Linh Pham	Medicine/Immunology	Schneider	Thesis Committee Chair
Charay Jennings	'08 MSTP/Biology	Jones	Thesis Committee Chair
Jason DeVoss	'03 Medicine/Immunology	Steinman	Thesis Committee
Michael Kattah	'08 MSTP/Immunology	Utz	Thesis Advisor
Erin Cline	'06 Medicine/Cell Biology	Nelson	Thesis Committee Chair
Jessie Tennenbaum	'07 Biomedical Informatics	Utz	Thesis Advisor
Byounsok Jung	'05 Engineering/ME	Santiago	Thesis Committee Chair

Maria Vaysburg	'08 Medicine/Immunology	Martinez	Thesis Committee Chair
Kevin Dean	'05 Engineering/ME	Kenney	Thesis Committee
Sumita Pennathur	'06 Engineering/ME	Santiago	Thesis Committee Chair
Angela Zhang	'08 Medicine/Immunology	Engleman	Thesis Committee Chair
Pearline Teo	'09 Medicine/Immunology	Utz	Thesis Advisor
Amy Radermacher	'09 Medicine/Pathology	Crabtree	Thesis Committee
Adrienne Hughes	'11 Medicine/BMT	Negrin	Thesis Committee
Ricky Paniagua	'09 Medicine/Immunology	Robinson	Thesis Committee
Angela Landrigan	'09 Medicine/Immunology	Utz	Thesis Advisor
Erika Danna	'08 Medicine/Immunology	Nolan	Thesis Committee
Nathan Flesher	'05 Engineering/ME	Fu-Kuo Chang	Thesis Committee Chair
Eon Rios	'09 Medicine/Pathology	Galli	Thesis Committee Chair
Eric Mabery	'09 Immunology	Schneider	Thesis Committee Chair
Christopher Franco	'09 Pathology	Weissman	Thesis Committee
Olivia Hatton	'11 Immunology	Martinez	Thesis Committee
Nicole Hannick	'10 Immunology	Utz	Thesis Advisor
Regina Cheung	'Immunology	Utz	Thesis Advisor
Michael Wong	'11 Immunology	Robinson	Thesis Advisor
Oliver Crespo	'11 Immunology	Robinson	Thesis Committee
Michael Alonso	'11 Immunology	Engleman	Thesis Committee
Amy Palin	Medicine/BMT	Lewis	Thesis Committee
Alex Kuo	'11 Biology	Gozani	Thesis Committee
Tarun Khurana	'10 Engineering	Santiago	Thesis Committee
Jordan Price	Immunology	Utz	Thesis Advisor
Kacey Sachem	'12 Immunology	Levy	Thesis Committee
Wen Qi Ho	Medicine/Pathology	Crabtree	Thesis Committee
Ken Schulz	'10 Medicine/Immunology	Nolan	Thesis Committee
Adrienne Vasey	Medicine/BMT	Negrin	Thesis Committee
Jacqueline Grant	Medicine/Immunology	Steinman	Thesis Committee
Gloria Yiu	Medicine/Immunology	Utz	Thesis Advisor
Robert Bruggner	Medicine/Immunology	Nolan	Thesis Committee
James Torcia	Immunology	Levy	Thesis Committee
Jake Rosenberg	Immunology	Utz	Thesis Advisor
Bo Zhang	Chemical Engineering	Dai	Thesis Committee
Archana Madhavan	Immunology	Lewis	Thesis Committee
Mazen Nasrallah	Immunology	Weyand	Thesis Committee
Melissa Ch'ng	Immunology	Engleman	Thesis Committee
Aashish Manglik	MSTP	Kobilka	Thesis Committee Chair
Ron Alfa	Neurosciences	Kim	Thesis Committee Chair
Erika Bongen	Immunology	Utz/Khatri	Thesis Co-Advisor
Winn Haynes	Biomedical Informatics	Utz/Khatri	Thesis Co-Advisor
Tiffany Williams	Cancer Biology	Giaccia	Thesis Committee Char
Jung-Rok	Engineering	Wang	Thesis Committee Chair
Daniel Bechstein	Engineering	Wang	Thesis Committee
Lichy Han	Bioinformatics	Altman	Thesis Committee
Yoni Rubin	Immunology	Robinson	Thesis Committee Chair
Sarah Kompachich	Immunology	Robinson	Thesis Committee

Kelly McGill	Immunology	Utz/Khatri	Thesis Co-Advisor
Adi Wijaya Gani	Electrical Engineering	Wang	Thesis Committee Chair
Jonathan Leong	MSTP/Neuroscience	Clandinin	Thesis Committee Chair
Felicia Reinitz	MSTP/Stem Cell	Clarke	Thesis Committee Chair
Kameron Rodriguez	Immunology	Jaiswal	Thesis Committee
Brenda Velazquez	BMT	Shizuru	Thesis Committee
Alexander Lozano	Engineering	Wang, S	Thesis Committee
Ananthakrishnan Ganesan	BMI	Khatri	Thesis Committee
Joseph Gonzales	BMI	Wang, T	Thesis Committee
Larry Kalesinskas	BMI	Khatri	Thesis Committee
Neeraja Ravi	Bioengineering	Wang, S	Thesis Committee
Madeleine Scott	Biophysics	Pulendran	Thesis Committee
Preksha Bhagchandani	Immunology	Kim/Meyer	Thesis Committee
Maria Interrante	Immunology	Kim	Thesis Committee

Rotating Graduate Students:

Graham, Kareem	Spring, 2000	Hughes, Adrienne	Winter 2005
Tsui, Jennifer	Summer, 2000	Zhaoqing, Ding	Fall 2006
Dean, Jedediah	Fall, 2000	Crespo, Oliver	Winter 2007
Riddle, Erica	Winter, 2001	Wong, Michael	Spring 2007
Middleman, Elaine	Winter, 2001	Cheung, Regina	Spring 2007
Thibault, Donna	Winter, 2002	Marshall, Eleanor	Fall 2007
Haines, Chris	Spring, 2002	Price, Jordan	Summer 2008
Vaysburg, Maria	Fall, 2002	Spulak, Mary	Summer 2009
Moesta, Achim	Winter, 2003	Yiu, Gloria	Spring 2010
Kattah, Michael	Spring, 2003	Rosenberg, Jake	Summer 2012
Kime, Janelle	Fall 2003	Haynes, Winn	Winter 2014
Teo, Pearline	Spring 2004	Erica Bongen	Winter 2014
Landrigan, Angela	Spring 2005	Kelly McGill	Winter 2016
		Larry Kalesinskas	Fall 2017
		Evan Maestri	Fall 2022

Summer Undergraduates:

Okeke, Lance, 2001	Duke University, Internal Medicine Resident
Moder, Robert, 2002	King's College
Rosenthal, Lindsey, 2002	4 th year medical student at GW University
Sylvester, Taijuana, 2003	San Francisco State
Khatambi, Anirudh, 2004	University of Toledo School of Medicine
Yocum, Matthew, 2007	Cal Poly Graduate School
Jessica Ye, 2008, 2009, 2010	Yale University, MSTP

Summer High School Students (SIMR):

Chekeni, Faraaz, Student, 2000-2002	University of Virginia, MSTP student
Mont-Raynaud, Marie-Josée, Student, 2000	Stanford University
Fong, Derek, Student, 2000-2002	Yale University
So, Heidi, Student, 2002, 2003	UC Berkeley, Pritzker Medical School, Chicago, IL
Steinman, Jonathan, Student, 2003, 2005	MSTP student at Cornell
Osidary, Neeka, Student 2006	Stanford University
Agarwal, Kanika, Student 2007, 2008	MD student at Commonwealth Medical College

Ye, Jessica Student 2008	Saratoga High School
Silverio, Sebastian 2009	Belen Jesuit Preparatory High School
Zhang, Linda 2010	Gunn High School
Tadina, Catherine, 2010	El Camino High School
Delepine, Guillaume, 2010	Bellarmino High School, Princeton
Ridouh, Imane, 2014	Mission San Jose High School

Stanford Undergraduate Thesis:

Chen, Chuan-Hua	Student, graduated 2001
Liu, Sophia	Student, graduated 2002, Fulbright Scholar
O’Leary, Paul	Student, 2004, Stanford University, Senior (Did not complete)
Kongpachich, Sarah	Student, Senior
Kemmer, Dodge	Student, 2010, Part-time LSRA and Professional Golfer (Academic All American, Canadian PGA Tour, Asian PGA Tour, European Tour)
Boote, David	Student, 2010, Stanford Golf Team, Academic All American, Walker Cup 2017
Allan Feng	PSTP student, Stanford Medical School

Corporate and Foundation Experience:

2000-2003	Adeptent Inc., Los Altos, CA	Scientific Advisory Board
2001-2003	Genzyme Inc., Cambridge, MA	Consultant
2001-2003	Nano Biodynamics Inc., San Jose, CA	Scientific Advisory Board
2002-2003	WaferGen Inc., Menlo Park, CA	Scientific Advisory Board
2002-2003	Becton Dickinson Biosciences, San Jose, CA	Consultant
2002-2012	Bay Hill Therapeutics, Palo Alto, CA	Co-Founder and Consultant
2003-2008	Monogram Biosciences, Mountain View, CA	Scientific Advisory Board
2004	MedImmune, Gaithersburg, MD	Consultant
2005-Present	Genentech, Inc., South San Francisco, CA	Consultant
2005	XDX, Inc., South San Francisco, CA	Scientific Advisory Board
2005-2013	Johnson and Johnson, Horsham, PA	Consultant
2005-2013	Biogen/IDEC, Cambridge, MA	Consultant
2006	Avanir, Inc., La Jolla, CA	Consultant
2006	AstraZeneca, United Kingdom	Scientific Advisory Board
2007	Argos, Inc., Research Triangle Park, NC	Scientific Advisory Board
2008-2016	UCB, Inc., United Kingdom	Scientific Advisory Board
2008-2013	Centocor, Horsham, PA	Biomarker Advisory Board
2008	Gilead Sciences, Foster City, CA	Consultant
2009	CoMentis, South San Francisco, CA	Scientific Advisory Board
2009	Regimmune, Mountain View, CA	Scientific Advisory Board
2010	GlaxoSmithKline, United Kingdom	Mechanistic Medicine Discovery Performance Unit Review Board
2010	Baxter Healthcare	Scientific Advisory Board
2012	DNAX-Merck	Scientific Advisory Board
2012-2019	Tolerion, Inc, Menlo Park, CA	Co-Founder
2013	Sanofi-Aventis/Genzyme, Cambridge, MA	Scientific Advisory Board

2013	Athelas, Inc, Palo Alto, CA	Co-Founder and Consultant
2013	Four Oaks Partners, San Diego, CA	Scientific Advisor
2014	GlaxoSmithKline, UK	Scientific Advisory Board
2014	DynaVax, Berkeley, CA	Scientific Advisory Board
2014	Nirmidas, Palo Alto, CA	Scientific Advisory Board
2016	5AM Venture Partners, Menlo Park, CA	Scientific Advisory Board
2016	Recursion Pharma	Consultant
2016	Enable Biosciences	Scientific Advisory Board
2017-Present	4D Molecular Therapeutics	Scientific Advisory Board
2017	Third Rock Ventures, Boston, MA	Scientific Advisory Board
2017-Present	Physician Scientist Support Foundation (PSSF)	Co-Founders (Cheung, Jain, Kobilka, Lefkowitz, Utz , Yamada)

Patents:

- *1. Patent No. 7,785,819. Therapeutic and Diagnostic Uses of Antibody Specificity Profiles, filed 04/10/2002, issued 08/31/2010.
- *2. Patent No. 7,544,669. Polynucleotide Therapy, filed 11/01/01, issued 06/09/2009.
- 3. Patent No. 8,524,061. On-chip Hybridization coupled with ITP Based Purification for Fast Sequence Specific Identification, filed 11/29/2010.
- 4. Patent No. 9,587,032. IgE Antibodies for the Inhibition of Tumor Metastasis, filed 07/11/2013.
- 5. Patent No. 10,487,152. IgE Antibodies for the Inhibition of Tumor Metastasis, filed 01/13/2017.

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