

Curriculum Vitae

Name in Full: Shimon Sakaguchi

Birth Date: January 19, 1951

Institutions Attended:

Kyoto University Premedical Course	1970-1972
Kyoto University Medical School	1972-1976

Degrees Acquired:

Doctor of Medicine (M.D.)	1976
Doctor of Philosophy (Ph.D.)	1983

Research and Professional Experiences:

Resident, Department of Pathology, Kyoto University Medical School and Hospital	1976-1978
Visiting Investigator, Laboratory of Pathology Aichi Cancer Center Research Institute	1978-1981
Senior Research Fellow, Institute for Immunology Kyoto University Medical School	1981-1983
Joint Appointment at the Blood Transfusion Service, Kyoto University Hospital	1981-1983
Postdoctoral Fellow, Department of Immunology and Infectious Diseases, The Johns Hopkins Medical Institutions	1983-1985
Postdoctoral Fellow (Lucille P. Markey Scholar), Department of Biophysics The Johns Hopkins Medical Institutions	1986-1987
Visiting Scientist, Division of Immunology and Rheumatology, Stanford University Medical Center	1987-1989
Assistant Professor, Department of Immunology, Scripps Research Institute	1989-1991
Investigator, Science and Technology Agency of Japan	1992-1994
Head, Department of Immunopathology, Tokyo Metropolitan Institute of Gerontology	1994-1997
Chair and Professor, Department of Experimental Pathology, Institute for Frontier Medical Sciences, Kyoto University	1998-2011
Director, Institute for Frontier Medical Sciences, Kyoto University	2007-2011
Visiting Professor, Institute for Frontier Medical Sciences, Kyoto University	2011-present

Professor, Department of Experimental Immunology, Immunology Frontier Research Center, Osaka University	2011-present
Adjunct Professor of Oncology, Roswell Park Cancer Institute, USA	2012-present
Vice-director, Immunology Frontier Research Center, Osaka University	2012-present
Distinguished Professor, Osaka University	2013-present
President of Japanese Society of Immunologists	2016-present

Awards and honors:

Lucille P. Markey Scholar Award in Biomedical Science	1986
Mochida Science Award	2003
Cancer Research Institute's William B. Coley Award for Basic Immunology and Tumor Immunology	2004
Takeda Medical Award	2005
Takamine Memorial Sankyo Award	2005
The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, The Government of Japan	2007
The Keio Medical Science Prize	2008
Uehara Prize	2008
Medal with Purple Ribbon from the Emperor	2009
Asahi Prize	2012
Japan Academy Award	2012
Election to Foreign Associate of the National Academy of Sciences USA	2012
Maharshi Sushruta Award	2015
Chunichi Culture Award	2015
Canada Gairdner International Award	2015
Thomson Reuters Citation Laureates	2015
Suita City Mayer's Award	2015
The Crafoord Prize	2017

Editorial Board:

Science (Reviewing Editor)
Immunity
International Immunology (Associate Editor)

International Journal of Cancer
Immunological Reviews
Journal of Experimental Pathology
Cancer Immunology Research
European Journal of Immunology (Deputy Chairman of Executive Committee)
OncoImmunology
eLife

International Invited and Honorary Lectures

- 2001.1 Keystone Symposia “Immunological Tolerance and Autoimmunity”, **Plenary Lecture**, Keystone, USA.
- 2001.3 Federation of American Society of Experimental Biology (FASEB) 2001, Orland, USA.
- 2001.12 British Society for Immunology Congress 2001, Harrogate, UK.
- 2002.6 FASEB Summer Research Conference “Transplantation Immunology”, Vermont, USA.
- 2002.6 **The Jack R. Battisto Lecture on Immunological Tolerance**. The Cleveland Clinic Foundation, Cleveland, USA.
- 2002.6 Federation of Clinical Immunology Society (FOCIS) 2nd Annual Meeting, San Francisco, USA.
- 2002.7 Novartis Foundation Symposium “Generation and effector functions of regulatory lymphocytes”, London, UK.
- 2002.7 The Royal Society of Medicine “Immune Tolerance”, **Plenary Lecture**, London, UK.
- 2002.8 Gordon Research Conferences, “Immunochemistry and Immunobiology”, New Hampshire, USA.
- 2002.9 The 27th Congress of the International Society of Blood Transfusion, Vancouver, Canada.
- 2002.9 The 7th International Symposium on Dendritic Cells, **Plenary Lecture**, Bamberg, Germany.
- 2002.9 The Foundation des Treilles “Tolerance and autoimmune diseases”, Tourtour, France.
- 2002.11 The 35th Annual Meeting of the American Society of Nephrology, Philadelphia, USA.
- 2003.2 Keystone Symposia “Basic Aspects of Tumor Immunology”, **Plenary Lecture**, Colorado, USA.
- 2003.4 The 46th Annual Meeting of the Korean Association of Immunobiologists, **Plenary Lecture**, Ikusan, Korea.
- 2003.6 FASEB Summer Research Conferences “Lymphocytes & the Immune System: Molecular, Cellular & Integrative”, Arizona, USA.
- 2003.9 The 34th Annual Meeting of the German Society of Immunology, Berlin, Germany.
- 2003.9 The 4th Duesseldorf Symposium on Immunotoxicology, Duesseldorf, Germany.

- 2003.10 Cancer Research Institute International Symposium “Cancer Vaccine”, **Plenary Lecture**, New York, USA.
- 2003.11 The 3rd Annual Harvard Autoimmunity Symposium, Boston, USA.
- 2003.11 The 13th Annual Workshop of the Center for the Study of Inflammatory Bowel Disease “Immune Regulatory Networks”, Boston, USA.
- 2003.11 Richard K. Gershon Symposium on Suppressor T Cells, New Haven, USA.
- 2003.12 Immunology Research Seminar Series at Washington University, St. Louis, USA.
- 2003.12 NIH Immunology Interest Group Seminar, Bethesda, USA.
- 2003.12 New York University Immunology Club Seminar, New York, USA.
- 2003.12 Autoimmunity Seminar at University of Washington, Seattle, USA.
- 2004.2 The 6th International Conference on New Trends in Immunosuppression, Salzburg, Austria.
- 2004.3 Keystone Symposia “Regulatory/Suppressor T Cells”, **Plenary Lecture**, Banff Canada.
- 2004.4 The 38th European Society for Clinical Investigation Annual Meeting, Utrecht, Netherlands.
- 2004.4 FASEB 2004, Washington DC, USA.
- 2004.6 Euler 2004 Annual European Congress of Rheumatology, Berlin, Germany.
- 2004.6 Regulatory T cells 11th N.A.T. Meeting, Nantes, France.
- 2004.7 The 12th International Congress of Immunology, **Plenary Lecture**, Montreal, Canada.
- 2004.10 CANCER VACCINES 2004 International Cancer Immunotherapy Symposia, New York, USA.
- 2004.10 Bernard Halpern Symposium of Immunology-College de France, Paris, France.
- 2004.10 The 8th International Symposium on Dendritic Cells, **Keynote Address**, Brugge Belgium.
- 2004.11 The 14th Beckman Symposium “Immune Tolerance: Self Versus Non-self”, Duarte, USA.
- 2004.11 The UCSF immunology Seminar Series, San Francisco, USA.
- 2004.11 Stanford University immunology Program Seminar Series, Stanford, USA.
- 2005.3 Keystone Symposia “Basic Aspect of Tumor Immunology” **Plenary Lecture**, Colorado, USA.
- 2005.5 FOCIS 2005 Annual Meeting, Boston , USA.
- 2005.11 2005 ACR/ARHP Annual Scientific Meeting, San Diego, USA.
- 2006.3 Keystone Symposia “Tolerance, Autoimmunity and Immune Regulation”, **Plenary Lecture**, Colorado, USA.
- 2006.6 The American Diabetes Association 66th Scientific Session, Washington D.C., USA.
- 2006.9 Fondation Merieux International Symposium “Control of anti-tumoral and

- anti-infectious immune responses by regulatory T cell subsets: Potential clinical applications”, **Keynote Address**, Annecy, France.
- 2006.10 The 1st Mediterranean Workshop Clinical Immunology, Evora, Portugal.
- 2006.11 The 53rd Annual Autumn Conference of Korean Association of Immunologists, Seoul, Korea.
- 2006.11 NIAID Regulatory T cell Workshop, Bethesda, USA.
- 2006.12 Harvard Medical School Immunology Seminar, Boston, USA.
- 2006.12 The 8th Annual Harvard Autoimmunity Symposium, Boston, USA.
- 2007.1 Netherland Academy of Science Colloquium “Translating Immunological Tolerance into Novel Therapies for Pediatric Autoimmune Disease: Targeting Regulatory T cells”, Amsterdam, Netherlands.
- 2007.2 Keystone Symposia “Regulatory T Cells”, **Keynote Address**, Vancouver, Canada.
- 2007.2 **R. E. Bob Smith Lecture**, University of Texas at Houston, Houston, USA.
- 2007.2 Bone Marrow Transplantation Tandem Meetings “T Cells in Immunologic Tolerance to Self and Organ Transplants”, Denver, USA.
- 2007.3 The Charles Rodolphe Brupbacher Foundation The 8th Scientific Symposium in conjunction with the Charles Rodolphe Brupbacher Cancer Research Award 2007, Zurich, Switzerland.
- 2007.4 World Immune Regulation Meeting, **Plenary Lecture**, Davos, Switzerland.
- 2007.7 **Mathilda and Terence Kennedy Lecture**, Imperial College, London, UK.
- 2007.8 The 13th International Congress of Immunology, **Plenary Lecture**, Rio de Janeiro, Brazil.
- 2007.9 **Honorary Lecture**, The Baltic Summer School, Lund, Sweden.
- 2007.9 Oxford Symposium “From the Laboratory to the Clinic: From Immune Response Gene to Autoimmunity”, Oxford, UK.
- 2007.10 The New Century Health Care Promotion Foundation 11th International Congress “The Molecular Basis of the Control of Regulatory T Cell Function”, **Keynote Lecture**, Taipei, Taiwan.
- 2007.11 The 55th Fall Conference of The Korean Association of Immunobiologists, Seoul, Korea.
- 2007.12 **Michael Sela Lecture**, “Regulatory T cells for immune tolerance and homeostasis” Weizmann Institute of Science, Behovot, Israel.
- 2007.12 **Richard K. Gershon Memorial Lecture**, Yale University, New Haven, USA.
- 2008.1 The 12th International Conference on Lymphocyte Activation and Immune Regulation, Newport Beach, USA.
- 2008.4 EurAPS International Symposium on Molecular Background of Tolerance and

- Autoimmunity, Helsinki, Finland.
- 2008.10 International Conference on Regulatory T cells and Clinical Application in Human Diseases, **Keynote Address**, Beijing, China.
- 2008.11 **The 7th Kimishige and Teruko Ishizaka Lecture in Immunology**, La Jolla, USA.
- 2008.11 **2008 Keio Medical Science Prize Commemorative Symposium Lecture**, Tokyo, Japan.
- 2009.2 The British Society of Blood and Marrow Transplantation Meeting, **Keynote Lecture**, London, UK.
- 2009.2 **The Distinguished Speaker Seminar** at National Jewish Hospital University of Colorado, Colorado, USA.
- 2009.3 Keystone Symposia on “Regulatory T Cells”, **Plenary Lecture**, Colorado, USA.
- 2009.3 World Immune Regulation Meeting-III, **Plenary Lecture**, Davos, Switzerland.
- 2009.4 The Foundation des Treilles Symposium on Tolerance and Development, Tourtour, France.
- 2009.5 The 1st International Kishimoto Foundation Symposium: Immune Regulation: Present and Future, Osaka, Japan.
- 2009.6 Federation of Clinical Immunology Society (FOCIS) 2009, San Francisco, USA.
- 2009.9 Twincore-Symposium on Infection Research and Beyond, Hannover, Germany.
- 2009.10 The 17th Cancer Research Institute International Cancer Immunotherapy Symposium, New York, USA.
- 2009.10 The 1st International Conference on Immune Tolerance, **Plenary Lecture**, Boston, USA.
- 2009.11 International Symposium on Immunotherapy and Immunodeficiency, Heidelberg, Germany.
- 2009.12 The 39th Australasian Society for Immunology Annual Scientific Meeting, **Plenary Lecture**, Gold Coast, Australia.
- 2010.5 American Transplantation Congress 2010, **State-of-the-Art Address**, San Diego, USA.
- 2010.5 The 97th Annual Meeting of the American Association of Immunologists, Baltimore, USA.
- 2010.6 Keystone Symposia “Innate Immunity: Mechanisms Linking with Adaptive Immunity”, **Plenary Lecture**, Dublin, Ireland.
- 2010.7 The second International Conference on Regulatory T Cells and Th17 Cells and Clinical Application in Human Diseases, **Keynote Lecture**, Shanghai, China.
- 2010.8 The 14th International Congress of Immunology, Kobe, Japan.

- 2010.9 Oxford Symposium “From the Laboratory to the Clinic: Differences between Immunity and Inflammation in Mice and Men: Reasons for Translational Failures? ”, Oxford, UK.
- 2010.9 The 40th Annual Meeting German Society for Immunology, Leipzig, Germany.
- 2010.11 The 2010 Cold Spring Harbor Asia Conference: Frontier of Immunology in Health & Diseases, Suzhou, China.
- 2010.11 The 2010 Fall Conference of the Korean Association of Immunologists, **Plenary Lecture**, Seoul, Korea.
- 2010.12 British Society for Immunology Annual Congress, **Plenary Lecture**, Liverpool, UK.
- 2011.2 BMT Tandem Meetings, Biology of Regulatory T Cells, Hawaii, USA.
- 2011.4 Advances in Targeted Therapies, Dubrovnik, Croatia.
- 2011.5 The 14th Australian Autoimmunity Workshop, **Keynote Lecture**, Brisbane, Australia.
- 2011.6 The Herrenhausen Symposium on Autoimmunity, Seeon, Germany.
- 2011.8 The 39th Congress of the German Society of Rheumatology, Munich, Germany.
- 2011.10 The 8th Nestle International Nutrition Symposium Nutrition & the Immune System, Lausanne, Switzerland.
- 2011.11 The 6th European Workshop on Immune-Mediated Inflammatory Diseases, Nice, France.
- 2012.3 International Symposium Migration and Regulation: Managing immune-mediated diseases, Berlin, Germany.
- 2012.5 International Symposium Dynamism of Immune Reactions & Regulation, Osaka, Japan.
- 2012.6 FOCIS (Federation of Clinical Immunology Societies) 2012, Vancouver, Canada.
- 2012.9 The 3rd European Congress of Immunology, **Plenary Lecture**, Glasgow, UK.
- 2012.10 The 12th International Symposium on Dendritic Cells, Daegu, Korea.
- 2012.10 The 3rd International Conference on Regulatory T Cells and Helper T Cell Subsets and Clinical Application in Human Diseases, **Keynote Lecture**, Shanghai, China.
- 2012.10 The 34th Naito Conference on Infection, Immunity and their Control for Health: Mucosal Barrier, Pathogen and Vaccine, Sapporo, Japan.
- 2013.3 Tri-Institutional Immunology and Microbial Pathogenesis Program Research Seminar Series, New York, USA.
- 2013.3 Immunology seminar Series, Harvard Medical School, Boston, USA.
- 2013.3 Immunology seminar Series, Massachusetts General Hospital, Boston, USA.
- 2013.4 **Karolinska Research Lecture**, Stockholm, Sweden.
- 2013.4 **The Eberly Distinguished Lectureship in Immunology**, Pittsburgh, USA.
- 2013.5 The American Association of Immunologists Annual Meeting, Hawaii, USA.
- 2013.6 The 6th International workshop of Kyoto T Cell Conference **Keynote Lecture**, Kyoto, Japan.
- 2013.6 Immunology Interest Group Seminar Series in NIH, Bethesda, USA.

- 2013.8 The 15th International Congress of Immunology, **Plenary Lecture**, Milan, Italy.
- 2013.9 The 4th International GK Symposium Regulators of Adaptive Immunity, Erlangen, Germany.
- 2013.9 The 4th International Workshop on Humanized Mice, **Keynote Lecture**, Seoul, Korea.
- 2014.1 Keystone Symposia Inflammatory Diseases “Recent Advances in Basic and Translational Research and Therapeutic Treatments”, **Plenary Lecture**, Vancouver, Canada.
- 2014.4 2014 Beijing-Shanghai Immunology Joint Symposium, **Keynote Lecture**, Hangzhou, China.
- 2014.6 European Academy of Allergy and Clinical Immunology Congress 2014, Copenhagen, Denmark.
- 2014.11 The 4th International Conference on Regulatory T Cells and T Helper Cell Subsets and Clinical Application in Human Diseases, **Plenary Lecture**, Shanghai, China.
- 2014.11 The 2014 Fall Conference of Korean Association of Immunologists, **Plenary Lecture**, Seoul, Korea.
- 2014.11 The 45th International Symposium of The Princess Takamatsu Cancer Research Fund “Recent Advances in Cancer Immunotherapy Immune Regulation for Cancer Immunotherapy”, **Keynote Lecture**, Tokyo, Japan.
- 2014.12 The 22nd Fondation Rene Touraine Annual Scientific Meeting Paris, France.
- 2015.1 Transplantation Update-2015, **Maharshi Sushruta Award Lecture**, Ahmedabad, India.
- 2015.3 Keystone Symposia “Dendritic Cells and Macrophages Reunited”, **Plenary Lecture**, Montreal, Canada.
- 2015.4 Keystone Symposia “T Cells: Regulation and Effector Function”, **Plenary Lecture**, Utah, USA.
- 2015.7 The 17th International Congress of Mucosal Immunology, **State-of-Art Lecture**, Berlin, Germany.
- 2015.11 The 14th Transplantation Science Symposium, **Keynote Lecture**, Lorne, Australia.
2016. 3 SFB 1054 Symposium “Cell-Fate Decisions in the Immune System”, Munich. Germany.
2016. 5 II Seville’s Workshops on Molecular Medicine ““Cell Therapy, Molecular Mechanisms and Clinical Translation”, Seville, Spain.
2016. 5 **Distinguished Ludwig Lecture**, Ludwig Institute for Cancer Research, Lausanne, Switzerland.
2016. 8 The 6th International Congress of Immunology **Plenary Lecture**, Melbourne, Australia.
2016. 9 The 2016 International Cancer Immunotherapy Conference, New York, U.S.A.
2016. 9 The 46th Annual Meeting of the German Society for Immunology, Hamburg, Germany.
- 2016.10 The 13th International Workshop on Autoantibodies and Autoimmunity, **Keynote Lecture**, Kyoto, Japan.

- 2017.3 The 18th International Vasculitis and ANCA Workshop, **Keynote Lecture**, Tokyo, Japan.
- 2017.3 The 7th International workshop of Kyoto T Cell Conference, **Keynote Lecture**, Kyoto, Japan.
- 2017.5 Immunotherapy 2017, **Keynote Lecture**, Brisbane, Australia.
- 2017.5 **Crafoord lecture**, Lund and Stockholm, Sweden