Curriculum Vitae January 2013

UTA FRANCKE

Professor of Genetics and Pediatrics, Emeritus (active)
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Citizenship U.S.A.

License Physicians and Surgeons, State of California A25346

Education

General Aufbaugymnasium Idstein, Germany, Abitur (Baccalaureat), 1961
Medical University Medical School at Frankfurt (1961-62), Marburg (1962-63), Munich (1963-66)
Final State Examination and Dissertation: Munich, 1967 (Dr.med)

Postgraduate Training

1967-1969 Intern, two-year rotating program, Klinikum rechts der Isar, Munich, Germany
1969-1970 Resident in Pediatrics, Children's Hospital of Los Angeles, Los Angeles, CA
1970-1971 Postdoctoral Fellow in Medical Genetics, University of California, Los Angeles, CA
1971-1973 Postdoctoral Fellow in Medical Genetics, University of California, San Diego, CA
1991 Cold Spring Harbor Course on Computational Genomics

Medical Specialty Board Certifications

1981 American Board of Pediatrics
1982 American Board of Medical Genetics: Clinical Genetics and Clinical Cytogenetics
1993, 2003, 2008 American Board of Medical Genetics: Clinical Molecular Genetics

Academic, Research and Hospital Staff Appointments

1973-1978 Assistant Professor of Pediatrics (in Residence), University of California San Diego
1975-1978 Director of Medical Genetics, San Diego Children's Hospital and Health Center
1975-1978 Director, Cytogenetics and Cell Genetics Laboratory, Department of Pediatrics, University of California San Diego
1978-1985 Associate Professor of Human Genetics and Pediatrics, Department of Human Genetics, Yale University School of Medicine, New Haven, CT
1985-1988 Professor of Human Genetics and Pediatrics, Director of Postdoctoral Training Program in Medical Genetics, Yale University School of Medicine, New Haven, CT
1978-1988 Attending Physician, Clinical Genetics Service
Yale-New Haven Hospital, New Haven, CT
1984-1985 Visiting Scientist, European Molecular Biology Laboratory (with Dr. Hans Lehrach) Heidelberg, Germany
1989-1996 Professor of Pediatrics, Stanford University School of Medicine
1989-2000 Professor of Genetics and Investigator, Howard Hughes Medical Institute, Stanford University School of Medicine, Stanford, CA
1989- Medical Staff, Stanford University Hospital, Stanford, CA
1989- Medical Staff, Lucile Salter Packard Children's Hospital, Stanford, CA
1989-2005 Director, Interdepartmental Medical Genetics Training Program, Stanford University School of Medicine, Stanford, CA

Academic, Research and Hospital Staff Appointments (continued)

1997-1998 Co-Director, UCSF/Stanford Medical Genetics Residency Program
2001-2010 Professor of Genetics and Pediatrics, Stanford University School of Medicine
2010-2013 Professor of Genetics and Pediatrics, Stanford University School of Medicine, Emeritus, on recall

Company Appointments

2010- Senior Medical Director, 23andMe Inc., Mountain View, CA

Honors and Awards

1990 Elected Member, Institute of Medicine
1990 Stanley Wright Memorial Lectureship Award, WSPR, Carmel, CA
1995 Elected Fellow, American Association for the Advancement of Science
1996 Antoine Marfan Award, National Marfan Foundation
1997 Elected Member, American Academy of Arts and Sciences
1999 President, American Society of Human Genetics
2000 President, International Federation of Human Genetics Societies
2001 March of Dimes/Colonel Harland Sanders Lifetime Achievement Award in Genetics
2002 Original Member, Highly Cited Researchers database (ISI)
2005 Irene Uchida Lectureship Award, University of Manitoba, Winnipeg Canada
2005 Kurt Benirschke Lectureship Award, UCSD, San Diego CA
2009 Elected Member, European Molecular Biology Organization (EMBO)
2012 William Allen Award, American Society of Human Genetics (ASHG)

Editorial Activities

1979-1999	Associate Editor:	*Cytogenetics and Cell Genetics*
1977-1986	Board of Advisory Editors:	*American Journal of Medical Genetics*
2000-	Board of Advisory Editors:	*American Journal of Medical Genetics*
1987-1991	Section Editor:	*Genomics*
1992-1999	Contributing Editor:	*Human Mutation*
2000-	Editorial Advisory Board	*Gene Function & Disease*
2009-	Senior Editor	*EMBO Molecular Medicine*
2012-	Acadenmic Advisory Board	*PeerJ*

Editorial Boards:

1977-1979 *Cytogenetics and Cell Genetics*
1983-1986 *American Journal of Human Genetics*
1983-1988 *Genetic Epidemiology*
1987-1990 *Molecular Biology and Medicine*
1978-1998 *Human Genetics*
1979-1999 *Somatic Cell and Molecular Genetics*
1987-1990 *Oncogene Research*
1989-1996 *Genes, Chromosomes & Cancer*
1990-1997 *Mammalian Genome*
1993-1998 *The Journal of Clinical Investigation*
1995-2000 *American Journal of Medical Genetics*
1999-2002 *Expert Reviews in Molecular Medicine*
2000- *Current Opinion in Genetics & Development*
2000- *BMC Genetics*
2000- *BMC Medical Genetics*
2012- *PeerJ*

Scientific Review Committees

1976-1980 Genetic Basis of Disease Review Committee (NIGMS/NIH)
1984-1992 Basil O'Connor Starter Scholar Research Award Advisory Committee, March of Dimes Birth Defects Foundation
1985-1989 Maternal and Child Health Research Committee (NICHD/NIH)
1986-1988 Scientific Review Board, Genetics, Howard Hughes Medical Institute
1990-1994 Member, Mammalian Genetics Study Section (DRG/NIH)
1992-1994 Chair, Mammalian Genetics Study Section (DRG/NIH)
1994, 1997 Lawrence Berkeley Laboratories, Director's Review of Life Sciences Division
1995 Panel to Assess NIH Investment in Research on Gene Therapy
1996-1997 Chair, Committee on Breast Cancer Research, Institute of Medicine, NAS
1997-2004 Scientific Advisory Board, Charles E. Culpeper Awards, Rockefeller Brothers Foundation
1998-2001 Advisory Committee for the Career Awards in the Biomedical Sciences Program, Burroughs Wellcome Fund
1998-2002 National Advisory Neurological Disorders & Stroke Council (NIH/NINDS)
2000-2002 PubMed Central National Advisory Committee (NLM)
2004, 2006 Scientific Advisory Board, Genome Canada
2004-2008 Scientific Advisory Committee, VA CSP DNA bank
2005-2008 Scientific Advisory Board, Austrian Genome Project (GEN-AU)
2005-2006 Fachkommission und Gemeinsame Kommission, Exzellenzinitiative, German Government
2008-2010 VA CSP Genetic Epidemiology Scientific Review Subcommittee
2009 Co-chair, ZRG1 GGG-F, NIH/CSR Challenge Grant Editorial Panel 8
2010 Chair, ZRG1 GGG F 55 R, NIH Challenge Grant Editorial Panel

Professional Society Memberships/ Directorships/ Advisory Boards

1976 Society for Pediatric Research
1976-1986 Curator, Human Genetic Mutant Cell Repository, IMR, Camden, NJ
1981-1984 Board of Directors, American Society of Human Genetics
1981-1984 Program Committee, American Society of Human Genetics
1983 Chair, Program Committee, American Society of Human Genetics
1982-1986 Board of Directors, American Board of Medical Genetics
1989 The Human Genome Organization
1990-1995 Advisory Committee, March of Dimes Clinical Genetics Conferences
1990 Society for Inherited Metabolic Disorders
1990 Western Society for Pediatric Research
1990 Pluto Club, Association of University Pathologists
1990 International Mammalian Genome Society
1991- Professional Advisory Board, National Marfan Foundation
1993 Founding Member, American College of Medical Genetics
1993 European Society of Human Genetics
1994-1996 Awards Committee, American Society of Human Genetics
1996 Fellow, Molecular Medicine Society
1996-1999 Councilor, Association of Professors of Human and Medical Genetics
1996-2007 Professional Advisory Board, International Rett Syndrome Association
2001- Selection Committee, March of Dimes/Colonel Harland Sanders Lifetime Achievement Award in Genetics
2001-2008 Genetics Prize Advisory Board, The Peter Gruber Foundation

International Scientific Activities

1982-1991 Member, International Committee for Human Cytogenetic Nomenclature
1987-1991 Chair, International Committee for Human Cytogenetic Nomenclature
1988-1991 Executive Program Committee, 8th International Congress of Human Genetics
1995-1997 Scientific Advisory Committee on Human Genome Research, Federal Ministry of Education, Science, Research and Technology, Bonn, Germany
1995-2001 Advisory Board, Center for Molecular Biology in Medicine, Univ. Koeln, Germany
1996-2001 Member, International Standing Committee on Human Cytogenetic Nomenclature
2000- Scientific Advisory Board, International Postgraduate Organization for Knowledge-Transfer Research and Teaching Excellent Students
2002- International Advisory Board, IRSA RETT Phenotype Database

Meeting Organization

1991 Co-Director, Banbury Conference on Molecular Genetics and Cell Biology of Marfan Syndrome, Cold Spring Harbor, NY
1992 Co-Director, Second International Symposium on Marfan Syndrome
1992 Conference Director, 24th Annual March of Dimes Clinical Genetics Conference
1993 Chair, Conference on Fetal Research and Applications, Institute of Medicine, National Academy of Sciences, Irvine CA
1997 Co-Host, 13th Annual National Marfan Foundation Meeting, Stanford, CA
1997 Vice-Chair, Gordon Research Conference, Human Molecular Genetics, Newport, RI
1999 Chair, Gordon Research Conference, Human Molecular Genetics, Newport, RI
2001 Chair, Satellite Symposium on Rett Syndrome, 10th International Congress of Human Genetics, Vienna, Austria
2002 Chair, Keystone Conference "Genotype to Phenotype: Focus on Disease"

Consulting

1996-2001 Scientific Advisory Board, Genomica Corporation, Boulder, CO
2000-2001 Scientific Advisor, Genetic Health Inc., San Mateo, CA
2003-2004 Scientific Advisory Board, Naxcor, Mountain View, CA
2007-2010 Consultant, 23andMe Inc. Mountain View, CA
2012- Scientific Advisory Board, InVitae, San Francisco, CA

Invited Lectures (since 1989)

1989 Banbury Conference on Dystrophin, Cold Spring Harbor, NY
Molecular Neurogenetics FASEB Conference, Saxtons River, VT
Molecular Cytogenetics Symposium, Lake Tahoe, CA
Banbury Conference on Molecular Cytogenetics, Cold Spring Harbor, NY
Medical Genetics Training Program, University of California, Los Angeles, CA

1990 Stanley Wright Memorial Lecture, Western Society for Pediatric Research, Carmel, CA
Rett Syndrome Foundation Workshop, Washington, DC
4th International Workshop on Mouse Genome, Annapolis, MD
Howard Hughes Medical Institute, Lecture to Medical Students, Cloisters NIH, MD

1991 Banbury Conference on Molecular Genetics and Cell Biology of Marfan Syndrome, Cold Spring Harbor, NY
Short Course in Medical and Experimental Mammalian Genetics, Bar Harbor, ME
Summer School for Pediatric Endocrinology, Foer Islands, Germany
American Heart Association Convention, Postgraduate Seminar, Anaheim, CA

1992 Keystone Symposium, Molecular Biology of Human Genetic Disease, Copper Mountain, CO
CSH Genome Mapping and Sequencing Meeting, Cold Spring Harbor, NY
Ares Serono Symposium on Laron Syndrome, Lisbon, Portugal
First International Workshop on Chromosome 18 Mapping, Chicago, IL
Second International Symposium on the Marfan Syndrome, San Francisco, CA
Human Genetics Training Program, University of California, San Francisco, CA

1993 15th International Kabi Symposium on Growth and Growth Disorders, Florence, Italy
NIH Conference on Epigenetic Factors in Inheritance, Bethesda, MD
Joint LWPES/ESPE International Pediatric Endocrinology Meeting, San Francisco, CA
National Marfan Foundation Meeting and Research Symposium, Portland, OR
Gordon Research Conference on Elastin, Kimball School, Meriden, New Hampshire
IPOKRATES Postgraduate Course in Molecular Genetics, Krems, Austria
International Workshop on Growth Hormone Insensitivity, Estoril, Portugal

1994 Miami 1994 Bio/Technology Winter Symposia, Advances in Gene Technology: Molecular Biology of Human Genetic Disease, Fort Lauderdale, FL
Keystone Symposium, Molecular Biology of Human Genetic Disease, Copper Mountain, CO
American Association for Cancer, Annual Convention, San Francisco, CA
Symposium on Imprinting and Epigenetics, University of Oregon, Eugene, OR
Life Sciences Division Seminar, Lawrence Berkeley Laboratory, UCB, CA
Pediatrics Update, Continuing Medical Education, Travis Airforce Base, CA
Carl Friedrich v. Siemens Stiftung, Nymphenburg, Munich, Germany
Nobel Conference, Parental Imprinting: Causes and Consequences, Stockholm, Sweden
Asia-Pacific Conference on Medical Genetics, Bangkok, Thailand
Miami Bio/Technology European Symposium, Advances in Gene Technology: Molecular Biology of Human Genetic Disease, Monte Carlo, Monaco

1995 Western Society for Pediatric Research, Carmel, CA
La Jolla Cancer Research Foundation, La Jolla, CA
MSTP Program, Columbia University, New York, NY
Genetics Department, Albert Einstein College of Medicine, Bronx, NY
Biology Department, University of California, San Diego, CA
Genetics Graduate Program, University of Chicago, Chicago, IL
International Symposium on Clinical Immunology, San Francisco, CA
Department of Cell Biology, Lawrence Berkeley Laboratory, Berkeley, CA
Gordon Research Conference, Elastin and Elastic Fibers, Meriden, NH
Gordon Research Conference, Human Molecular Genetics, Newport, RI
American Society of Human Genetics Annual Meeting, Minneapolis, MN
Medical Genetics and Mental Retardation Program, Baylor College of Medicine, Houston, TX

1996 Second International Growth Forum, Washington, D.C.
Max Planck Institute for Molecular Genetics, Berlin-Dahlem, Germany
Division of Immunology, Childrens Hospital of Los Angeles, Los Angeles, CA
Interinstitutional Medical Genetics Training Program, UCLA, Los Angeles, CA
12th Annual National Marfan Foundation Meeting, Houston, TX
Childrens Hospital of Philadelphia and University of Pennsylvania, Philadelphia PA
7th International Williams Syndrome Symposium, Philadelphia, PA

9th International Congress of Human Genetics, Plenary Lecturer, Rio de Janeiro, Brazil
Euroconference in Immunodeficiency Syndromes, Pasteur Institute, Paris, France
Markey Distinguished Lectureship, University of Southern California, Los Angeles, CA
6th International Congress of Cell Biology, Plenary Lecturer, San Francisco, CA

1997 Ciba Foundation Symposium: Epigenetics, London UK
Public Symposium on Epigenetics, The Wellcome Centre for Medical Science, London UK
13th Annual National Marfan Foundation Meeting, Stanford, CA
Honors Lecture, New York University Medical Center, NYC
Graduate Program in Cell Biology, Mt. Sinai School of Medicine, New York City
Professional Women in Genetics, ASHG meeting, Baltimore MD

1998 Keystone Symposium: T Lymphocyte Activation, Differentiation and Death, Keystone CO
Whitehead Policy Symposium: The Human Genome Project: Science, Law, and Social Change in the 21st Century, Plenary Lecturer, Cambridge, MA
NIH Workshop: Genomic Alterations in Genetic Disease: Mechanisms of Structural Rearrangements, Bethesda, MD
International Titisee Conference: Molecular Mechanisms in Human Malformation Syndromes, Titisee, Germany
ASHG Symposium: Region Specific Repeats and Chromosomal Rearrangements, Denver, CO
Pediatric Grand Rounds, Department of Pedicatrics, UCSF, San Francisco, CA

1999 Medical Scientist Program Lecture, University of California at Irvine, CA
Combined Endocrinology Conference, University of California at Los Angeles, CA
Department of Molecular Genetics, University of Antwerp, Belgium
Williams Syndrome Association Meeting, Palo Alto, CA
American Society of Human Genetics, Presidential Address, San Francisco, CA

2000 National Advisory Neurological Disorders and Stroke Council February Meeting, Washington DC
Department of Genetics Seminar, University of Koeln, Germany
Workshop on Molecular Basis of Mental Handicap, Chamonix, France
Annual Distinguished Scientist Lecture, Department of Molecular and Medical Genetics, University of Oregon Health Sciences Center, Portland OR
Symposium Speaker at Society of Biological Psychiatry Annual Meeting, Chicago IL
Symposium on Molecular Control of Organogenesis, University of Michigan, Ann Arbor MI
Ihsan Dogramaci Lecture, Molecular Biology and Genetics, Bilkent University, Ankara, Turkey
World Congress on Rett Syndrome, Karuizawa, Japan
Northwest Rett Syndrome Foundation, Portland, OR
The Olfactory Model System and Rett and Kallmann Syndromes, NIH, Bethesda MD
Pediatrics Grand Rounds, Stanford University School of Medicine, Stanford CA
Human Medical Genetics Graduate Program, University of Colorado, Denver CO
National Marfan Foundation, Northern California Chapter, Palo Alto CA
International Symposium of the Princess Takamatsu Cancer Research Fund, Tokyo, Japan

2001 Integrating Genomics Technologies in Health Care: Practice and Policy Challenges. Banbury Center. Cold Spring Harbor Laboratories, N.Y.
International Symposium on GH and Growth Factors in Endocrinology and Metabolism. Plenary Lecture on the Human Genome Project. Valletta, Malta
Weissenburg Symposium on Medicine and Molecular Biology. Lecture on

Epigenetics and Hunan Disease. Weissenburg, Germany
10th International Congress of Human Genetics. Public Lecture on the Implications of the Human Genome Project (in German), Vienna, Austria
Satellite Symposium on Rett Syndrome. Vienna, Austria
Rett Syndrome Research Foundation Symposium, Washington DC
6th International Symposium on Marfan Syndrome, Seattle, WA

2002 State-of–the-Art Lecture. Western Society for Pediatric Research. Carmel, CA
Advanced Human Genetics Graduate Course, UCSF, San Francisco, CA
Kolloquium, Institut fuer Humangenetik, Universitaet Erlangen-Nuernberg, Germany
Rett Syndrome Research Foundation Symposium, Baltimore MD
Australian Society of Cytogenetics, Annual Meeting, Adelaide, Australia
Human Genetics Society of Australasia Meeting, Plenary Lecture, Adelaide, Australia
Royal Childrens Hospital and Murdoch Institute, Melbourne, Australia

2003 Society for Perinatology, Special Lecture, Taipei,Taiwan
Introduction to Molecular Genetics, IpoKrates Postgraduate Education Course, Rust, Austria
David W. Smith Workshop on Malformations and Morphogenesis, Vancouver, BC, Canada
Institute of Genetic Medicine, 8th Annual Symposium, USC, Los Angeles CA

2004 Cardiovascular Medicine Seminar Series, Stanford, CA
"Pharmacogenetics" Medical Genetics Grand Rounds, Stanford CA
"Mouse models" Lecture in Medical Genomics Course, Stanford CA
Plenary Lecture, Second Weissenburg Symposium on DNA Methylation, Germany
David W. Smith Workshop on Morphogenesis and Malformations, Snowbird UT
Plenary Lecture, Neurogenetics Conference, Genetics Society of Germany, Weimar

2005 Irene Uchida Lecture, University of Manitoba, Winnipeg, Canada
Human Molecular Genetics research seminar, Univ. Manitoba, Winnipeg, Canada
Kurt Benirschke Lecture, UCSD, San Diego CA
Northern California Genetics Conference, Oakland CA
Grand Rounds, Oakland Childrens Hospital CA

2006 Departmental Seminar, Univ. of Michigan, Department of Human Genetics, Ann Arbor MI
50 Years of 46 Human Chromosomes: Progress in Cytogenetics, NIH, Bethesda MD
11th International Congress of Human Genetics, Brisbane QLD, Australia
Xth Oxford Conference on Modeling and Control of Breathing, Lake Louise, Banff, Canada

2007 UT Southwestern School of Medicine, Grand Rounds in Psychiatry, Dallas TX
University of Iowa, Epigenetics Seminar Series, Iowa City IA
RSRF Annual Symposium on Rett Syndrome research

2008 Keynote Speaker, 40th Biannual American Cytogenetics Conference, Monterey CA
Conference on Aneupoidy, Geneva Switzerland
Evelyn Galman Spritz Lectureship in Human Medical Genetics, Univ. Colorado Denver CO

2009 Pediatrics Grand Rounds, Universidad Catolica, Santiago, Chile
Co-organizer and speaker, FPWR workshop on Prader Willi syndrome, Bethesda MD

2010 AAAS Annual Meeting: Symposium on Genetics and Ethics, San Diego CA
Japanese Pediatric Neurology SocietyAnnual Meeting, Keynote speaker, Fukuoka, Japan
Kobe University Graduate School of Medicine Department of Pediatrics, visiting professor

University of Hiroshima, Graduate School of Biomedical Sciences, Hiroshima/Japan
Hokkaido University Graduate School of Medicine, Sapporo/Japan
Medical Genetics Grand Rounds, Harvard University, Boston MA
Endocrinology Division, Massachusetts General Hospital, Boston MA
CIRM iPSC Cell Banking Workshop, San Francisco, CA
EMBO New Member Workshop, Heidelberg, Germany

2011 The Emergence of Personalized Medicine: Legal, Social, and Ethical Implications Symposium, Cumberland Law School of Samford University, Birmingham AL
Keynote lecture, Fourth Weissenburg Symposium – Biriciana, Epigenetics and the Regulation of Gene Expression, Weissenburg, Germany
Academia-Engelberg: 2011 Symposium on personalized genomics/medicine, Engelberg, Switzerland
Life Science Zurich Business Network, ETH, University of Zurich, Zurich, Switzerland: Personalized Medicine Conference
Chair and Speaker, Workshop on Human Genome Variation & Disease, The EMBO Meeting 2011, Vienna, Austria

Stanford University Service

Director: Interdepartmental Postdoctoral Training Program in Medical Genetics
(Principal Investigator, T32 GM08404, 1991-1997)
(Principal Investigator, T32 GM08748, 2000-2005)

Director: American Board of Medical Genetics accredited Training Programs in
Clinical Genetics (1990-1997)
Clinical Cytogenetics (1990-2004)
Clinical Molecular Genetics (1993- 2004)

Co-Director: UCSF/Stanford Joint Medical Genetics Residency Program (1997-1998)

Clinical: Attending Physician, Medical Genetics Clinic and Consultation Service (1989 -)
Attending Physician, Center for Marfan Syndrome and Related Connective Tissue Disorders (1990 – 2000)

Teaching: Genetics 201 (1989, 1990, 1991, 1992, 1993, 1994, 1995, 1997)
Pathophysiology (1992)
Advanced Human Genetics (Genetics 214) (1990, 1991)
Mammalian Developmental Genetics (DB/Genetics 217) (1998)
Sophomore Dialogue (Genetics Q102) (1998, 1999)
Human Genetics Journal Club (Organizer, 1989-)
Human Biology 114 :Genomes, Diseases and Medicines (2002)
Medical Genomics Course (2004)
OSPSANT G44: Human genetic diversity: Applications to populations and individuals (2009) Course director and sole lecturer at Stanford Overseas Campus in Santiago/Chile
BioSci 109B: The Human Genome and Disease: Genetic Diversity and Personalized Medicine (2007, 2008, 2010, 2011)
HUMAN BIOLOGY Core 2A: Molecular Genetics Lecturer (2007, 2008, 2009, 2010, 2011)

GENE271: Human Molecular Genetics, Co-Course director, main lecturer (2008, 2009, 2010, 2011), Lecturer (2012)

Medical School Committees:

Medical Scientist Training Program Committee (1989-1992)
Program in Molecular and Genetic Medicine Advisory Committee (1989-1994)
Pediatrics Department Chair Search Committee (1991-1992)
General Clinical Research Center Advisory Committee (1992-1995)
McCormick Lectureship Committee (1992-1999)
Medical School Academic Senate, Member-at-large (1993-1999)
Medical School Academic Senate, Executive Committee of Five (1996-1997)
Appointments and Promotions Committee (1994-1998)
Dean's Postdoctoral Fellowship Committee (1994-)
Neurology Department Chair Search Committee (1995)
Pediatric Genetics Division Chief Search Committee (1996-1997)
Child Health Research Fund Advisory Committee (1996-98)
Co-Chair, Stanford University School of Medicine/UCSF, Senate Committee on Academic Priorities and Strategies for Cooperation (1996-97)
Chair, Advisory Committee, Center for Advanced Human Genetics (1996/97)
Reproductive Endocrinology Faculty Search Committee (1997-99)
Child and Adolescent Psychiatry and Child Development Faculty Search Committee (1998)
Advisory Board, Women's Reproductive Health Research Career Development Center (1998-)
Biochemical Genetics Faculty Search Committee (1998)
Postdoctoral Affairs Committee (2001-2002)
Chair, Faculty Search Committee, Dept. Genetics (2004-2005)
Faculty Search Committee, Dept. Genetics (2005-2006)
Pediatrics Department Chair Search Committee (2005)
Genetic Counseling Faculty Search Committee (2006)
Medical School Academic Senate, Member-at-large (2006-2009)
Chair, Dean's Postdoctoral Fellowship Committee (2006-2010)
Steering Committee of the Academic Senate (2007-2008)
Advisory Committee; M.S. in Human Genetics and Genetic Counseling Program, Dept. Genetics (2007-)
Advisory Committee: Stanford Career Development Program in the Genetics and Genomics of Lung Diseases (2008-)
Faculty Search Committee, Dept. Genetics (2012-2013)

University Committees:

Elected Member, Academic Senate (1990-1992)
Academic Council, Committee on Research (1995-1998)
Academic Council, Committee on Environmental Health and Safety (2005-2008)

PATENT: U.S. Patent No US 6,709,817 B1;"METHOD OF SCREENING RETT SYNDROME BY DETECTING A MUTATION IN *MECP2*"

Bibliography

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I. HUMAN CYTOGENETICS

Francke, U.: Quinacrine mustard fluorescence of human chromosomes: Characterization of unusual translocations. *Am. J. Hum. Genet.* 24:189-213 (1972).

Crandall, B.F., Francke, U., Campbell, M.A., Sparkes, R.S.: Inherited t(13q14q) in two retarded sisters. *Am. J. Hum. Genet.* **24**:416-424 (1972).

Spence, M.A., Francke, U., Forsythe, A.B.: Evidence against the peripheral location of the Y chromosome in human metaphase cells. *Cytogenet. Cell Genet.* **12**:49-52 (1973).

Francke, U., Hammond, D.S., Schneider, J.A.: The band patterns of twelve D98/AH-2 marker chromosomes and their use for identification of intra-specific cell hybrids. *Chromosoma* **41**:111-121 (1973).

Schneider, J.A., Francke, U., Hammond, D.S., Pellett, O.L., Becker, F.L.A.: Properties of cystinotic fibroblast-D98 cell hybrids studied by somatic cell hybridization. *Nature* **244**:289-292 (1973).

Schrott, H.G., Sakaguchi, S., Francke, U., Luzzatti, L., Fialkow, P.J.: Translocation, t(4q-;13q+), in three generations resulting in partial trisomy of the long arm of chromosome 4 in the fourth generation. *J. Med. Genet.* **11**:201-205 (1974).

Francke, U., Mahan, G.M., Dixson, B.K., Jones, O.W.: 10p-: A new autosomal deletion syndrome? In *Birth Defects*: Original Article Series XI (No. 5), pp. 207-212, The National Foundation, New York (1975).

Fawcett, W.A., McCord, W.K., Francke, U.: Trisomy 14q-. In *Birth Defects*: Original Article Series XI (No. 5), pp. 223-228, The National Foundation, New York (1975).

Francke, U., Jones, O.W., Moran, M.J.: Sex-chromosome abnormalities in husbands and wives. *Lancet* **i**:333-334 (1975).

Francke, U., Benirschke, K., Jones, O.W.: Prenatal diagnosis of trisomy 9. *Humangenetik* **29**:243-250 (1975).

Spence, M.A., Forsythe, A.B., Nesbitt, M., Francke, U.: Methods for detecting non-random association of metaphase chromosomes. Technical Report No. 16. Health Sciences Computing Facility. University of California, Los Angeles (1975).

Francke, U., Kung, F.: Sporadic bilateral retinoblastoma and 13q- chromosomal deletion. *Med. Pediat. Oncol.* **2**:379-385 (1976).

Francke, U.: Cytogenetics and somatic cell genetics: The impact of chromosome banding. In *Avenues of Clinical Genetic Research, Birth Defects*: Original Article Series, XIII (No. 6), pp. 79-103, The National Foundation, New York (1977).

Centerwall, W., Francke, U.: Familial trisomy 20p: Five cases and two carriers in three generations. A review. *Ann. Genet.* **20**:77-83 (1977).

Sparkes, R.S., Francke, U., Muller, H., Toomey, K.: Partial 4q duplication due to inherited der(20),t(4;20)(q25;q13)mat. *Ann. Genet.* **20**:31-35 (1977).

Francke, U.: Abnormalities of chromosomes 11 and 20. In *New Chromosomal Syndromes* (J. Yunis, ed.), pp. 245-272, Academic Press, New York (1977).

Taylor, K.M., Francke, U., Brown, M.G., George, D.L, Kaufhold, M.: Inverted tandem ("mirror") duplications in human chromosomes: inv dup 8p, 4q, 22q. *Am. J. Med. Genet.* **1**:3-19 (1977).

Riccardi, V.M., Sujansky, E., Smith, A.C., Francke, U.: Chromosomal imbalance in the aniridia-Wilms tumor association: 11p interstitial deletion. *Pediatrics* **61**:604-610 (1978).

Francke, U.: Clinical syndromes associated with partial duplications of chromosome 2 and 3: Dup(2)p, dup(2)q, dup(3)p, dup(3)q. In *Birth Defects* Original Article Series XIV (No. 6C), pp. 191-217, The National Foundation, New York (1978).

Oliver, N., Francke, U., Taylor, K.M.: Silver staining studies on the short arm variant of human chromosome 17. *Hum. Genet.* **42**:79-82 (1978).

Oliver, N., Francke, U.: Ideograms of high-resolution trypsin-Giemsa banded human chromosomes. *Cytogenet. Cell Genet.* **22**:668-671 (1978).

Francke, U., Oliver, N.: Quantitative analysis of high-resolution trypsin-Giemsa bands on human prometaphase chromosomes. *Hum. Genet.* 45:137-165 (1978).

Francke, U.: Hageman (Factor XII) locus on 7q? Report of a second case with del(7)q35 and normal factor XII level. *Hum. Genet.* **45**:363-367 (1978).

Francke, U.: Chromosome 11q partial trisomy syndrome. In *Birth Defects* Compendium (D. Bergsma, ed.), pp. 203-204, The National Foundation, Alan Liss, Inc. (1979).

Francke, U.: Chromosome 11q- syndrome. In *Birth Defects* Compendium (D. Bergsma, ed.), pp. 204-205, The National Foundation, Alan Liss, Inc. (1979).

Begovich, A., Francke, U.: Karyotype evolution of the simian virus 40-transformed human cell line LNSV. *Cytogenet. Cell Genet.* **23**:3-11 (1979).

Francke, U., Brown, M.G., Jones, K.L.: Immediate chromosome diagnosis on bone marrow cells: An aid to management of the malformed newborn infant. *J. Pediat.* **94**:289-292 (1979).

Hittner, H.M., Riccardi, V.M., Francke, U.: Aniridia caused by a heritable chromosome 11 deletion. *Ophthalmology* **86**:1173-1183 (1979).

Francke, U., Holmes, L.B., Atkins, L., Riccardi, V.M.: Aniridia-Wilms' tumor association: Evidence for specific deletion of 11p13. *Cytogenet. Cell Genet.* 24:185-192 (1979).

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IV. HUMAN/MOUSE COMPARATIVE GENE MAPPING

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V. MOUSE GENE MAPPING

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VI. HUMAN GENETIC DISORDERS

A. New Syndromes Delineated

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C. Duchenne Muscular Dystrophy

(with microdeletions including Chronic Granulomatous Disease, Adrenal Hypoplasia and Glycerol Kinase Deficiency)

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