

Curriculum Vitae

Name: Anthony P. Monaco

Position President, Tufts University

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http://www.researchgate.net/profile/Anthony_Monaco/

<http://scholar.google.co.uk/citations?user=rsUZ2eIAAAAJ&hl=en>

Home Address: Gifford House

161 Packard Avenue

Medford, MA 02155

USA

Date of Birth: October 10, 1959

Place of Birth: Wilmington, Delaware, USA

Citizenship: United States of America

Marital Status: Married, with three sons

Education:

- 1981 A.B. Princeton University, Princeton NJ USA
Independent Concentration in Neuroscience
- 1987 Ph.D. Neurobiology, The Program in Neuroscience
Harvard University, Cambridge, MA, USA
- 1988 M.D. Harvard Medical School, Boston, MA USA
Medical Scientist Training Program

Postdoctoral Training:

- 1988-89 Harvard Medical School Moseley Travelling
Fellow at Imperial Cancer Research Fund, London, UK
- 1989-90 Muscular Dystrophy Association Neuromuscular
Disease Research Fellowship at ICRF, London, UK

Awards and Honors:

- 1985 American Society of Human Genetics Predoctoral Basic
Science Award
- 1986 American Society of Human Genetics Travel Award for
International Congress of Human Genetics, Berlin
- 1993 Gaetano Conte Prize for Basic Research on Muscular
Diseases
- 1999 Fellow, Academy of Medical Sciences, UK
- 2002 Jacob's Ladder Lectureship and Award, The Canadian
Foundation for the Control of Neurodegenerative
Disorders
- 2003 Professorial Fellow, Merton College, Oxford
- 2003 Salesianum School Hall of Fame, Science
- 2006 Elected member, European Molecular Biology
Organization (EMBO)
- 2006 Fellow of the Royal Society of Medicine, UK
- 2008 Selected as Highly Cited Researcher in Highly Cited.com
- 2010 Outstanding Physician Scientist Award in Neurological
Research, European Genomics & Neurodegenerative
Diseases

2013 Elected member, Association of American Physicians

Teaching Experience:

1982 Instructor in Neurobiology for the Harvard Health Professions Program Summer School

1988-1992, 1995 Instructor in European School of Medical Genetics, Sestri Levante, Italy

1988-1998 Instructor in Wellcome Trust Summer School "DNA Related Methods in Human Genetics"

1993 Instructor in Human Genetics (two week course) for Honours Biochemistry Students, The National University of Singapore

1995 Lecturer, First Advanced Course on Gene Therapy, Milan, Italy

1995 Lecturer, ISREC postgraduate student course, Geneva

1997 Lecturer to postgraduate students, Tunis, Tunisia

1997 Lecturer, course on Molecular Neurogenetics, Porto, Portugal

1997 Lecturer, Second Advanced Course on Gene Therapy, Venice, Italy

1998-2001 Lecturer for "Genetics and disease option", Department of Biochemistry, University of Oxford

1998-2007 Tutor for Stanford in Oxford programme, eight tutorials per student with written essays

1999-2000 Lecturer for "Methods and Techniques Course for DPhil Students", Nuffield Department of Medicine

2002-2007 Lecturer for MSc course in Neuroscience, University of Oxford

2003-2011 Lecturer in Human Genetics for the FHS Human Sciences undergraduates, University of Oxford

2012, 2013 Lecturer in Experimental College, Tufts University "A Taste of Tufts: A Sampling of Faculty Research."

Membership of professional and learned societies:

1981-	Sigma Xi Research Society, Phi Beta Kappa Society
1984-	Member, American Society of Human Genetics
1991-	Member, European Society of Human Genetics
1992-	Member, The Human Genome Organization
1995-2001	Foundation Member, World Muscle Society
1995-	Member, German Society of Neurogenetics
1995-	Charter Fellow, Molecular Medicine Society
1996	Member, Autism Society of America
1996	Member, The National Autistic Society (UK)
1999-	Fellow, Academy of Medical Sciences (UK)
2006-	Member, European Molecular Biology Organization (EMBO)
2006-	Fellow, Royal Society of Medicine
2013-	Member, Association of American Physicians

Other professional activities:

Editorial Boards

1989-2005	Editorial Board, Acta Myologica
1992-2011	Associate Editor, European Journal of Human Genetics
1992-2001	Editorial Board, Human Molecular Genetics
1994-2001	Editorial Board, Neuromuscular Disorders
1996-present	Editorial Board, Neurogenetics
1997-2013	Associate Editor, Genomics
1998-2004	Editorial Board, Brain
1998-2000	Advisory Board, Journal of Neural Transmission
2002-2005	Editorial Board, NeuroMolecular Medicine
2004-2010	Editorial Committee, Annual Review of Genomics and Human Genetics
2008-2010	Editorial Board, The American Journal of Human Genetics
2008-2012	Editorial Board, Journal of Neurodevelopmental Disorders
2008-present	Advisory Board, EMBO Molecular Medicine
2008-present	Editorial Board, European Psychiatric Review
2008-present	Associate Editor, Journal of Molecular Medicine

2009-present Editorial Board, Molecular Autism

Scientific and Professional Committees

1989-1997 Editor, Human X Chromosome Committee
Human Gene Mapping

1991-1993 External Advisory Committee, Baylor College of Medicine,
Human Genome Center

1992 NIH Genome Center Review Committee for Human
Chromosome 13, Columbia University

1993-1999 Scientific Committee, Telethon Foundation Italy

1994-1997 External Advisory Committee, NIH Program Project
"Identification and Transgenic Studies of ALS Genes"

1994 Medical Research Council, HGMP Research Development
Group

1994-1997 Medical Research Council, Cell and Molecular Board Grants
Committee B

1995-1998 Genome Data Base, Quarterly Review Committee

1995-1998 Medical Research Council, Links with Industry Panel

1995-1998 External Advisory Committee, NIH Program Project
"Neurogenetics"

1997-2010 Scientific Advisory Group, Autism Research Centre, University
of Cambridge

1997-2001 HUGO Human Genome Mapping Committee

1998 International Evaluation Committee, Max-Delbrück Center for
Molecular Medicine, Berlin

1998-1999 Member, Infrastructure Panel, The Wellcome Trust

1999-2001 Member, Biological Sciences Panel, Research and Assessment
Exercise 2001

2001-2004 Member, Neurosciences Panel, The Wellcome Trust

2002, 2004-06, 2008 Member and Chair, Multidisciplinary International Peer
Review Panel, Genome Canada

2003 Member, External Scientific Evaluation Committee, Molecular
Cardiovascular Medicine Group, University of Leuven, Belgium

2003	Member, Review Panel, Genome España, Madrid
2004	Member, Site Visit Group, Nancy Lurie Marks Family Foundation, Boston, MA, USA
2004-2011	Member, External Advisory Committee, NIDA training grant, Departments of Psychiatry and Genetics, Virginia Commonwealth University VIPBG, Richmond, VA, USA
2005	Chair, Evaluation Committee, Interuniversity Attraction Poles, Belgian Science Policy Office
2005-2009	College of Experts, Medical Research Council, UK
2006	Expert Committee, Canada Foundation for Innovation, Toronto, Canada
2006-2007	Member, Science Funding Committee, Cancer Research UK
2006-2007	Member, Scientific Content and Advisory Panel for Generation Genome, a Wellcome Trust funded traveling museum exhibition celebrating the human genome and genetics.
2006-2007	Member, Advisory Panel for 'Choose your Character', an interactive traveling genetics exhibition
2007 & 2011	Review Panel and Site Visit, Genome Technology Branch, National Human Genome Research Institute, National Institutes of Health, USA
2007-present	Member, External Advisory Board, Telethon Institute of Genetics and Medicine (TIGEM), Naples, Italy
2008	Chairman, Quinquennial Review of the CRUK groups at the Strangeways Research Laboratories, Cambridge
2008-2011	Governor Member's Council, Oxfordshire & Buckinghamshire Mental Health Partnership NHS Foundation Trust
2008	Member, Review Panel, Genome España, Madrid
2008-2011	Member, TRAC Development Group, HEFCE
2010-2011	President, Advisory Scientific Committee, Centre for Biomedical Network Research in the Area of Rare Diseases, Valencia, Spain
2011-present	Trustee, Tufts University, Medford MA
2011-present	Director, Tufts Medical Center, Boston, MA
2011-2015	NIH National Advisory Council for Human Genome Research
2011-present	Trustee, MacJannet Foundation, Wellesley Hills MA
2011-present	Trustee, Cummings Foundation, Woburn MA
2013-present	Elected member, Association of American Physicians
2013-present	Trustee, Salesianum School Board, Wilmington DE
2013-2014	Member, Steering Committee, Talloires Network
2015-present	Chair, Steering Committee, Talloires Network

2014-2017	Member, Executive Committee, NESAC
2015-2016	Chair, Executive Committee, NESAC
2015-present	Member, Business-Higher Education Forum
2016-2017	Chair, Board of Association of Independent Colleges and Universities in Massachusetts (AICUM), Inc.
2014-present	IMAGINE Scientific Advisory Board, Paris, France
2016-present	Member, WGBH Board of Trustees

Scientific Advisory Boards/Consultancies

1993-1997	Scientific Advisory Board, Sequana Therapeutics Inc., La Jolla, CA, USA
1996-1999	Scientific Advisory Board, Hexagen Limited, Cambridge, UK, now Incyte Genomics Inc.
1997-2002	Science and Technology Advisory Board, Oxagen Limited, Abingdon UK
2003-2011	Scientific Consultant, Oxagen Limited, Abingdon UK
1998-2003	Scientific Advisory Board, DNA Sciences Inc., Mountain View, CA, USA
2000-2002	Advisory Panel for Molecular Biology, Oxford University Press, Oxford, UK
2001-2006	Consultant, Triaj Inc., Brecksville, Ohio, USA
2005-present	Member, Gerson Lehrman Group Healthcare Council Scholars and Educators Program
2007-2008	Consultant, GlaxoSmithKline
2009-2013	Consultant, Wiley Rein LLP, Washington DC, USA
2009-2013	Scientific Advisory Board, Bio.logis, Frankfurt, Germany

University Committees

1998-2007	Director of Wellcome Trust Centre for Human Genetics Chair, Management Committee, Group Heads Meeting, Information Technology Committee, Functional Genetics Facility Users Group, Health and Safety Committee
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1998- 2007	Member, Division of Medical Sciences Board, Research Strategy and Implementation Group, University of Oxford
2005-2007	Member, RAE Preparation Group, Division of Medical Sciences, University of Oxford
2005-2011	Member, Merton College Oxford Governing Body and College Stipends Committee
2007-2011	<p>Pro-Vice-Chancellor, Planning and Resources, University of Oxford</p> <p>Chair, Planning and Resource Allocation Committee</p> <p>Chair, Strategic Plan Review and Implementation Group</p> <p>Chair, Capital Steering Group</p> <p>Chair, Student Numbers Planning Sub-Committee</p> <p>Chair, Budget Sub-Committee</p> <p>Chair, FEC Senior Strategy Group</p> <p>Chair, Radcliffe Observatory Quarter Project Board</p> <p>Chair, Science Area Masterplan Project Board</p> <p>Chair, Sustainability Steering Committee</p> <p>Chair, Risk Management Steering Committee</p> <p>Chair, University Trusts Management Board</p> <p>Chair, Joint Student Teaching and Funding Support Group</p> <p>Chair, Fees Policy Group</p> <p>Chair, Somerville Project Sponsor Group</p> <p>Chair, ROQ Infrastructure Project Sponsor Group</p> <p>Chair, Joint Panel on College Associations</p> <p>Chair, Services' Funding Working Group: Museums and University Collections</p> <p>Member, University Council</p> <p>Member, Energy Purchasing Task Group</p> <p>Member, Development Committee</p> <p>Member, John Fell OUP Research Fund Committee</p>

Member, Joint Resource Allocation Advisory Board
Member, Buildings and Estates Sub-Committee
Member, Science Area Infrastructure Project Sponsor Group
Member, Health and Safety Management Committee
Member, Research Staff Working Group
Member, Humanities Division Review Panel
Member, Social Sciences Division Review Panel
Member, Strategic Plan Steering Group
Member, Financial Processes Working Group of Council
In attendance, General Purposes Committee
In attendance, Finance Committee
In attendance, Estates Bursars' Committee

2011-

President, Tufts University
Member, Board of Trustees
Member, Executive Committee of the Board of Trustees
Member, standing committees of the Board of Trustees
(Academic Affairs, Administration and Finance, Compensation
Honorary Degree, Trusteeship, and University Advancement)
President of the Faculties
Chair, Academic Council
Chair, President's Council on Diversity
Chair, President's Council on Campus Sustainability
Member, T10 Strategic Plan Steering and Executive

Committees

Member, TEAM Executive Committee
Member, Executive Capital Committee
Member, Executive Budget Committee
Chair, President's Task Force on Sexual Misconduct

Prevention

Chair, Steering Committee on Sexual Misconduct Prevention
Chair, Diversity and Inclusion Leadership Council
Co-chair, Mental Health Task Force

Research Training and Appointments:

- 1978-1981 Summer and academic year research assistant
Supervisor: Bartley G. Hoebel, PhD
Psychology Department, Princeton University Research Areas:
Neuropharmacology and physiology of feeding behavior;
animal models of psychoactive drug self-administration
- 1981-1983 Summer and academic year medical school research.
Supervisor: J. Allen Hobson, MD, Neurophysiology Laboratory,
Department of Psychiatry, Harvard Medical School, Boston
Research Areas: Neuropharmacology, physiology and anatomy
of brainstem-visual cortex interactions during REM sleep
- 1984-1988 Doctoral research, Supervisor: Louis M. Kunkel, PhD, Division
of Genetics, Department of Pediatrics, Children's Hospital and
Harvard Medical School
Research Areas: Molecular genetics of Duchenne and Becker
muscular dystrophy
- 1988-1990 Postdoctoral research, Supervisor: Hans Lehrach, PhD,
Genome Analysis Laboratory, Imperial Cancer Research Fund,
London, UK
Research Areas: Molecular genetics of the human X
chromosome. Yeast artificial chromosome and cosmid
libraries, physical mapping
- 1990-1995 Senior Scientist, Head of Human Genetics Laboratory, Imperial
Cancer Research Fund, Institute of Molecular Medicine, John
Radcliffe Hospital, Oxford
- 1994-1997 University Research Lecturer, Faculty of Clinical Medicine,
University of Oxford
Research areas: 199
- 1995-2007 Wellcome Principal Research Fellow, Wellcome Trust Centre
for Human Genetics, University of Oxford
Research Areas: Genetics of neurodevelopmental disorders
including autism, specific language impairment and dyslexia;
Positional cloning and functional analysis of monogenic and
polygenic disease genes

1997-2011	Professor of Human Genetics, Faculty of Clinical Medicine, University of Oxford
1998-2007	Director, Wellcome Trust Centre for Human Genetics, University of Oxford
2007-2011	Pro-Vice-Chancellor (Planning and Resources) University of Oxford
2011-2017	Visiting Professor in the Genetics of Speech and Language Disorders, Faculty of Clinical Medicine, University of Oxford
2011-	President, Tufts University, Medford, MA, USA and Professor of Biology and Neuroscience, Tufts University

Recently Completed Grant Support:

Grant Type: Wellcome Trust Programme Grant

Grant Holder: AP Monaco, Z Molnar and A Velayos-Baeza

Grant Number: 092071

Title: The role of the KIAA0319 protein in neurodevelopment

Amount Awarded: £1,393,036 Dates: 1/10/10 – 31/12/16

Grant Type: Medical Research Council Strategic Award

Grant Holders: AP Monaco and A Bailey and Autism Genome Project Consortium

Grant number: G060130 ID;79040

Title: Autism Genome Project

Amount awarded: £764,860 Dates: 23/04/07 – 30/09/10

Awarding Body: NLM Family Foundation and Simon's Foundation

Grant Holders: AP Monaco and A Bailey

Title: Identifying and understanding the actions of autism susceptibility genes

Amount awarded: £1,291,807 Dates: 1/10/06 – 30/09/10

Awarding Body: Medical Research Council

Grant Holders: S Paracchini, DF Newbury, AP Monaco, CD Steer, P Bolton, J
Golding

Grant Number: G0800523

Title: Gene x gene and gene x environment interactions underlying speech, language and reading development

Amount awarded: £169,775 Dates: 1/10/08 – 30/09/10

Grant Type: Wellcome Trust Programme grant

Grant Holder: AP Monaco

Grant Number: 076566

Title: Genetics of specific reading and language disorders

Amount Awarded: £3,367,319 Dates: 1/10/05 – 30/09/10

Grant Type: Wellcome Trust Core Grant

Grant Holder: A P Monaco (no longer grant holder since May 2007)

Grant Number: ME030603 and 075491

Title: Mapping and characterization of susceptibility genes in multifactorial diseases

Amount Awarded: £10,016,270 Dates: 1/4/05 – 31/03/10

Grant Type: Wellcome Trust Equipment Grant

Grant Holders: R Mott, AP Monaco, DI Stuart, MI McCarthy, H Watkins, AVS Hill, D Kwiatkowski, J Flint

Grant Number: 079981/Z/06/Z

Title: Large scale data storage and backup strategy for the Wellcome Trust Centre for Human Genetics for the period 2006-2010

Amount Awarded: £195,129 Dates: 01/07/06 – 30/06/10

Awarding Body: FP6 EU dyslexia grant NEURODYS

Grant Holders: AP Monaco and L Cardon

Title: Dyslexia genes and neurobiological pathways

Amount awarded: £286,548 Dates: 1/07/06 – 31/03/10

Awarding Body: FP6 EU autism grant MOLGEN

Grant Holders: AP Monaco and A Bailey

Title: Using European and International populations to identify autism susceptibility loci

Amount awarded: £146,674 Dates: 1/12/05 – 30/04/09

Patents:

US Patent 5,239,060: Muscular dystrophy protein, dystrophin; Issued 24 August 1993

US Patent 5,541,074: Duchenne Muscular Dystrophy (MD Probes); Probes for and Methods of Diagnosis for MD (CIP); Issued 30 July 1996

US Patent 5,621,091: Probes for and nucleic acids encoding muscular dystrophy protein, dystrophin; Issued 15 April 1997

Australia Patent 633,249: Duchenne Muscular Dystrophy (MD Probes); Probes for and Methods of Diagnosis for MD (CIP); Issued 21 May 1993

Publications:

* indicates important contribution to field

ResearchID.com: A-4495-2010

<http://www.researcherid.com/rid/A-4495-2010>

Citations Total (Web of Science June 2017) 29,685

h-index 82

Average citation per article: 95.45

Reported as Highly Cited Researcher in ISI HighlyCited.Com

Publications as an undergraduate and medical student:

1. Hoebel BG, Hernandez L, Monaco AP, Miller WC. Amphetamine-induced overeating and overweight in rats. **Life Sci.** 1981 Jan 5;28(1):77-82. PMID: 6938757

2*. Hoebel BG, Monaco AP, Hernandez L, Aulisi EF, Stanley BG, Lenard L. Self-injection of amphetamine directly into the brain. **Psychopharmacology (Berl)**. 1983;81(2):158-63. PMID: 6415748

3. Monaco AP, Baghdoyan HA, Nelson JP, Hobson JA. Cortical wave amplitude and eye movement direction are correlated in REM sleep but not in waking. **Arch Ital Biol.** 1984 Sep;122(3):213-23. PMID: 6517651

4. Baghdoyan HA, Monaco AP, Rodrigo-Angulo ML, Assens F, McCarley RW, Hobson JA. Microinjection of neostigmine into the pontine reticular formation of cats enhances desynchronized sleep signs. **J Pharmacol Exp Ther.** 1984 Oct;231(1):173-80. PMID: 6491973

Publications as a PhD student:

5. Kunkel LM, Lalande M, Monaco AP, Flint A, Middlesworth W, Latt SA. Construction of a human X-chromosome-enriched phage library which facilitates analysis of specific loci. **Gene.** 1985;33(3):251-8. PMID: 2989089

*6. Kunkel LM, Monaco AP, Middlesworth W, Ochs HD, Latt SA. Specific cloning of DNA fragments absent from the DNA of a male patient with an X chromosome deletion. **Proc Natl Acad Sci U S A.** 1985 Jul;82(14):4778-82. PMID: 2991893

*7. Monaco AP, Bertelson CJ, Middlesworth W, Colletti CA, Aldridge J, Fischbeck KH, Bartlett R, Pericak-Vance MA, Roses AD, Kunkel LM. Detection of deletions spanning the Duchenne muscular dystrophy locus using a tightly linked DNA segment. **Nature.** 1985 Aug 29-Sep 4;316(6031):842-5. PMID: 2993910

*8. Kunkel LM, Hejtmancik JF, Caskey CT, Speer A, Monaco AP, Middlesworth W, Colletti CA, Bertelson C, Müller U, Bresnan M, Shapiro F, Tantravahi U, Speer J, Latt SA, Bartlett R, Pericak-Vance MA, Roses AD, Thompson MW, Ray PN, Worton RG, Fischbeck KH, Gallano P, Coulon M, Duros C, Boue J, Junien C, Chelly J, Hamard G, Jeanpierre M, Lambert M, Kaplan JC, Emery A, Dorkins H, McGlade S, Davies KE, Boehm C, Arveiler B, Lemaire C, Morgan GJ, Denton MJ, Amos J, Bobrow M, Benham F, Boswinkel E, Cole C, Dubowitz V, Hart K, Hodgson S, Johnson L, Walker A, Roncuzzi L, Ferlini A, Nobile C, Romeo G, Wilcox DE, Affara NA, Ferguson-Smith MA, Lindolf M, Kaariainen H, de la Chapelle A, Ionasescu V, Searby C, Ionasescu R, Bakker E, van Ommen GJ, Pearson PL, Greenberg CR, Hamerton JL, Wrogemann K, Doherty RA, Polakowska R, Hyser C, Quirk S, Thomas N, Harper JF, Darras BT, Francke U. Analysis of deletions in DNA from patients with Becker and Duchenne muscular dystrophy. **Nature.** 1986 Jul 3-9;322(6074):73-7. PMID: 3014348

- *9. Monaco AP, Neve RL, Colletti-Feener C, Bertelson CJ, Kurnit DM, Kunkel LM. Isolation of candidate cDNAs for portions of the Duchenne muscular dystrophy gene. **Nature**. 1986 Oct 16-22;323(6089):646-50. PMID: 3773991
10. Baehner RL, Kunkel LM, Monaco AP, Haines JL, Conneally PM, Palmer C, Heerema N, Orkin SH. DNA linkage analysis of X chromosome-linked chronic granulomatous disease. **Proc Natl Acad Sci U S A**. 1986 May;83(10):3398-401. PMID: 3010296
- *11. Royer-Pokora B, Kunkel LM, Monaco AP, Goff SC, Newburger PE, Baehner RL, Cole FS, Curnutte JT, Orkin SH. Cloning the gene for an inherited human disorder--chronic granulomatous disease--on the basis of its chromosomal location. **Nature**. 1986 Jul 3-9;322(6074):32-8. PMID: 2425263
12. Müller U, Tantravahi U, Monaco A, Stroh H, Kunkel LM, Latt SA. Repeated DNA sequences in the distal long arm of the human X chromosome. **Hum Genet**. 1986 Sep;74(1):24-9. PMID: 3019869
13. Fischbeck KH, Ritter AW, Tirschwell DL, Kunkel LM, Bertelson CJ, Monaco AP, Hejtmančík JF, Boehm C, Ionasescu V, Ionasescu R, et al. Recombination with pERT87 (DXS164) in families with X-linked muscular dystrophy. **Lancet**. 1986 Jul 12;2(8498):104. PMID: 2873362
14. van Ommen GJ, Verkerk JM, Hofker MH, Monaco AP, Kunkel LM, Ray P, Worton R, Wieringa B, Bakker E, Pearson PL. A physical map of 4 million bp around the Duchenne muscular dystrophy gene on the human X-chromosome. **Cell**. 1986 Nov 21;47(4):499-504. PMID: 2877741
15. Bertelson CJ, Bartley JA, Monaco AP, Colletti-Feener C, Fischbeck K, Kunkel LM. Localisation of Xp21 meiotic exchange points in Duchenne muscular dystrophy families. **J Med Genet**. 1986 Dec;23(6):531-7. PMID: 2879924
16. Kunkel LM, Monaco AP, Bertelson CJ, Colletti CA. Molecular genetics of Duchenne muscular dystrophy. **Cold Spring Harb Symp Quant Biol**. 1986;51 Pt 1:349-51. PMID: 3472731

17. Royer-Pokora B, Kunkel LM, Monaco AP, Goff SC, Newburger PE, Baehner RL, Cole FS, Curnutte JT, Orkin SH. Cloning the gene for the inherited disorder chronic granulomatous disease on the basis of its chromosomal location. **Cold Spring Harb Symp Quant Biol.** 1986;51 Pt 1:177-83. PMID: 3472714
18. Monaco AP, Bertelson CJ, Colletti-Feener C, Kunkel LM. Localization and cloning of Xp21 deletion breakpoints involved in muscular dystrophy. **Hum Genet.** 1987 Mar;75(3):221-7. PMID: 2881877
19. Boyd Y, Munro E, Ray P, Worton R, Monaco T, Kunkel L, Craig I. Molecular heterogeneity of translocations associated with muscular dystrophy. **Clin Genet.** 1987 Apr;31(4):265-72. PMID: 3594934
20. Monaco AP, Kunkel LM. A giant locus for the Duchenne and Becker muscular dystrophy gene. **Trends Genet** 1987; 3:33-37.
- *21. Koenig M, Hoffman EP, Bertelson CJ, Monaco AP, Feener C, Kunkel LM. Complete cloning of the Duchenne muscular dystrophy (DMD) cDNA and preliminary genomic organization of the DMD gene in normal and affected individuals. **Cell.** 1987 Jul 31;50(3):509-17. PMID: 3607877
22. Hart KA, Monaco AP, Kunkel LM, Bobrow M. A small deletion in the Duchenne/Becker muscular dystrophy locus--a functionally important region? **Hum Genet.** 1987 Sep;77(1):88-91. PMID: 3040577
- *23. Hoffman EP, Monaco AP, Feener CC, Kunkel LM. Conservation of the Duchenne muscular dystrophy gene in mice and humans. **Science.** 1987 Oct 16;238(4825):347-50. PMID: 3659917
24. Chamberlain JS, Grant SG, Reeves AA, Mullins LJ, Stephenson DA, Hoffman EP, Monaco AP, Kunkel LM, Caskey CT, Chapman VM. Regional localization of the murine Duchenne muscular dystrophy gene on the mouse X chromosome. **Somat Cell Mol Genet.** 1987 Nov;13(6):671-8. PMID: 2890215

25. Kunkel LM, Monaco AP, Hoffman E, Koenig M, Feener C, Bertelson C. Molecular studies of progressive muscular dystrophy (Duchenne). **Enzyme**. 1987;38(1-4):72-5. PMID: 3440453

*26. Koenig M, Monaco AP, Kunkel LM. The complete sequence of dystrophin predicts a rod-shaped cytoskeletal protein. **Cell**. 1988 Apr 22;53(2):219-28. PMID: 3282674

27. Burmeister M, Monaco AP, Gillard EF, van Ommen GJ, Affara NA, Ferguson-Smith MA, Kunkel LM, Lehrach H. A 10-megabase physical map of human Xp21, including the Duchenne muscular dystrophy gene. **Genomics**. 1988 Apr;2(3):189-202. PMID: 3397058

*28. Monaco AP, Bertelson CJ, Liechti-Gallati S, Moser H, Kunkel LM. An explanation for the phenotypic differences between patients bearing partial deletions of the DMD locus. **Genomics**. 1988 Jan;2(1):90-5. PMID: 3384440

29. Monaco AP, Kunkel LM. Cloning of the Duchenne/Becker muscular dystrophy locus. **Adv Hum Genet**. 1988;17:61-98. PMID: 3055851

Publications as a postdoctoral fellow:

30. Monaco AP. Dystrophin, the protein product of the Duchenne/Becker muscular dystrophy gene. **Trends Biochem Sci**. 1989 Oct;14(10):412-5. PMID: 2683261

31. Monaco AP. The Duchenne and Becker muscular dystrophy gene and protein product dystrophin. **Current Opinion in Pediatrics** 1989; 1:406-412

32. Carter ND, Morgan JE, Monaco AP, Schwartz MS, Jeffery S. Dystrophin expression and genotypic analysis of two cases of benign X linked myopathy (McLeod's syndrome). **J Med Genet**. 1990 Jun;27(6):345-7. PMID: 2193159

33. Davies KE, Mandel JL, Monaco AP, Nussbaum RL, Willard HF. Report of the committee on the genetic constitution of the X chromosome. **Cytogenet Cell Genet**. 1990;55(1-4):254-313. PMID: 2073838

34. Powell JF, Fodor FH, Cockburn DJ, Monaco AP, Craig IW. A dinucleotide repeat polymorphism at the DMD locus. **Nucleic Acids Res.** 1991 Mar 11;19(5):1159. PMID: 2020555
- *35. Nizetić D, Zehetner G, Monaco AP, Gellen L, Young BD, Lehrach H. Construction, arraying, and high-density screening of large insert libraries of human chromosomes X and 21: their potential use as reference libraries. **Proc Natl Acad Sci U S A.** 1991 Apr 15;88(8):3233-7. PMID: 2014245
- *36. Larin Z, Monaco AP, Lehrach H. Yeast artificial chromosome libraries containing large inserts from mouse and human DNA. **Proc Natl Acad Sci U S A.** 1991 May 15;88(10):4123-7. PMID: 2034658
37. Monaco AP, Müller U, Larin Z, Meier-Ewert S, Lehrach H. Isolation of the human sex determining region from a Y-enriched yeast artificial chromosome library. **Genomics.** 1991 Dec;11(4):1049-53. PMID: 1783376
38. Monaco AP, Lam VM, Zehetner G, Lennon GG, Douglas C, Nizetic D, Goodfellow PN, Lehrach H. Mapping irradiation hybrids to cosmid and yeast artificial chromosome libraries by direct hybridization of Alu-PCR products. **Nucleic Acids Res.** 1991 Jun 25;19(12):3315-8. PMID: 2062647
39. Ragoussis J, Monaco A, Mockridge I, Kendall E, Campbell RD, Trowsdale J. Cloning of the HLA class II region in yeast artificial chromosomes. **Proc Natl Acad Sci U S A.** 1991 May 1;88(9):3753-7. PMID: 1673791
40. Dietrich A, Kioschis P, Monaco AP, Gross B, Korn B, Williams SV, Sheer D, Heitz D, Oberle I, Toniolo D, et al. Molecular cloning and analysis of the fragile X region in man. **Nucleic Acids Res.** 1991 May 25;19(10):2567-72. PMID: 2041732
41. Hoheisel JD, Drmanac R, Larin Z, Lennon G, Monaco AP, Nizetic D, Ross M, Zehetner G, and Lehrach H. Use of high coverage libraries for an integrated analysis of genomic DNA. **Advances in Mol Gen** 1991; 4:125-132.

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