Curriculum Vitae

Name: Anthony P. Monaco

Position President, Tufts University

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http://www.researcherid.com/rid/A-4495-2010
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
2008-2017	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, NESCAC
2015-2016	Chair, Executive Committee, NESCAC
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
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	Pro-Vice-Chancellor, Planning and Resources, University of Oxford Chair, Planning and Resource Allocation Committee Chair, Strategic Plan Review and Implementation Group Chair, Capital Steering Group Chair, Student Numbers Planning Sub-Committee Chair, Budget Sub-Committee Chair, FEC Senior Strategy Group Chair, Radcliffe Observatory Quarter Project Board Chair, Science Area Masterplan Project Board Chair, Sustainability Steering Committee Chair, Risk Management Steering Committee Chair, University Trusts Management Board Chair, Joint Student Teaching and Funding Support Group Chair, Fees Policy Group Chair, Somerville Project Sponsor Group Chair, ROQ Infrastructure Project Sponsor Group Chair, Joint Panel on College Associations Chair, Services' Funding Working Group: Museums and University Collections Member, University Council Member, Energy Purchasing Task Group Member, Development Committee Member, John Fell OUP Research Fund Committee 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 January 2018) 31,304
h-index 85
Average citation per article: 99.38
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. **Natur**e. 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, Hejtmancik 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.

42. Grootscholten PM, Den Dunnen JT, Monaco AP, Anand R, and Van Ommen GJB. YAC mapping strategies applied to the DMD-gene. **Technique** 1991; 3:41-50.

43. 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

44. Monaco AP. Workshop report: Enabling technologies. **Cytogenet Cell Genet** 1991; 58:1845-1846.

Publications as Head of ICRF Human Genetics Laboratory:

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