

V. Bibliografia.

- Abu-Amero K K, Larruga J M, Cabrera V M, González A M, 2008. *Mitochondrial DNA structure in the Arabian Peninsula*. BMC Evol Biol 8: 45.
- Afonso Costa H, Carvalho M, Lopes V, Balsa F, Bento A M, Serra A, Andrade L, Anjos M J, Vide M C, Pantoja S, Vieira D N, Corte-Real F. *Mitochondrial DNA sequence analysis of a native Bolivian population*. J For Legal Med (submetido)
- Alfonso-Sánchez M A, Martínez-Bouzas C, Castro A, Peña J A, Fernández-Fernández I, Herrera R J, Pancorbo M M, 2006. *Sequence polymorphisms of the mtDNA control region in a human isolates the Georgians from Swanetia*. J Hum Genet 51: 429-439.
- Alonso A, Albarran C, Martin P, Garcia P, Garcia O, Sancho M, 2000. *Mitochondrial DNA sequencing in casework: sequence and length heteroplasmy and other issues of forensic significance*. Progress in Forensic Genetics 8: 58-60. Elsevier Science B. V.
- Alonso A, Salas A, Albarrán C, Arroyo E, Castro A, Crespillo M, Lonardo A M, Lareu M V, Cubría C L, Soto M L, Lorente J A, Semper M M, Palacio A, Paredes M, Pereira L, Lezaun A P, Brito J P, Sala A, Vide M C, Whittle M, Yunis J J, Gómez J, 2002. *Results of the 1999-2000 collaborative exercise and proficiency testing program on mitochondrial DNA of the GEP-ISFG: an inter-laboratory study of the observed variability in the heteroplasmy level of hair from the same donor*. Forensic Sci Int 125: 1-7.
- Álvarez-Iglesias V, Mosquera A, Cerezo M, Lareu M V, Carracedo A, Salas A, 2008. *Increasing the discrimination power of the mtDNA test through the analysis of a large set of haplogroup H coding region SNPs: Forensic applications and validation*. For Sci Int: Genetics Supplement Series 1: 301-302.
- Alves-Silva J, Santos M S, Guimarães P E M, Ferreira A C S, Bandelt H-J, Pena S D J, Prado V F, 2000. *The Ancestry of Brazilian mtDNA Lineages*. Am J Hum Genet 6: 444-461.
- Al-Zahery N, Semino O, Benuzzi G, Magri C, Passarino G, Torrioni A, Santachiara-Benerecetti A S, 2003. *Y-chromosome and mtDNA polymorphism in Iraq, a crossroad of the early human dispersal and of post-Neolithic migrations*. Mol Phylog Evol 28: 458-472.

- Anderson S, Bankier A T, Barrel B G, Bruijn M H L, Coulson A R, Drouin J, Eperon I C, Nierlich D P, Roe B A, Sanger F, Scheier P H, Smith A J H, Staden R, Young I G, 1981. *Sequence and organization of the human mitochondrial genome*. Nature 290: 457-465.
- Andrews R M, Kubacka I, Chinnery P F, Lightowlers R N, Turnbull D M, Howell N, 1999. *Reanalysis and revision of the Cambridge reference sequence for human mitochondrial DNA*. Nat Genet 23: 147.
- Anslinger K, Weichhold G, Keil W, Bayer B, Eisenmenger W, 2001. *Identification of the skeletal remains of Martin Bormann by mtDNA analysis*. Int J Legal Med 114: 194-196.
- Applied Biosystems – A Division of Perkin Elmer, 2001. *ABI PRISM® BigDye™ Terminator v3.0 Cycle Sequencing Ready Reaction Kit Protocol*.
- Attardi G, Schatz G, 1988. *Biogenesis of Mitochondria*. Ann Rev Cell Biol 4: 289-333.
- AutoSeq® G50 operating manual*. Amersham Pharmacia Biotech.
- Aventura da Vida*, A, 1989. Portugal, Selecções do Reader's Digest.
- Azevedo C (Coord.), 1999. *Biologia Celular e Molecular*. 3ª Edição, LIDEL - Edições Técnicas, Lisboa (Ed.).
- Baasner A, Schäfer C, Jung A, Madea B, 1998. *Polymorphic sites in human mitochondrial DNA control region sequences: population data and maternal inheritance*. For Sci Int 98, 169-178.
- Bandelt H-J, Alves-Silva J, Guimarães P E M, Santos M S, Brehm A, Pereira L, Coppa A, Larruga J M, Rengo C, Scozzari R, Torroni A, Prata M J, Amorim A, Prado V F, Pena S D J, 2001. *Phylogeography of the human mitochondrial haplogroup L3e: a snapshot of African prehistory and Atlantic slave trade*. Ann Hum Genet 65: 549-563.
- Barbosa A B G, 2006. *Determinação do polimorfismo das sequências de DNA mitocondrial humano na população de Alagoas, Brasil*. Dissertação de Mestrado em Genética. Universidade Federal de Pernambuco – Centro de Ciências Biológicas, Departamento de Genética. Recife, Brasil.
- Barbosa A B G, Silva L A F, Azevedo D A, Balbino V Q, Mauricio-da-Silva L, 2008. *Mitochondrial DNA Control Region Polymorphism in the Population of Alagoas State, Northern-Eastern Brazil*. J Forensic Sci 53, 142-146.

- Behar D M, Rosset S, Blue-Smith J, Balanovsky O, Tzur S, Comas D, Mitchel R J, Quintana-Murci L, Tyler-Smith C, Wells R S, The Genographic Consortium, 2007. *The Genographic Project public participation mitochondrial DNA database*. PLoS Genet 3(6): e104.
- Beleza S, Gusmão L, Amorim A, Carracedo A, Salas A, 2005. *The genetic legacy of western Bantu migrations*. Hum Genet 117: 366-375.
- Belledi M, Poloni E S, Casolotti R, Conterio F, Mikerezi I, Tagliavini J, Excoffier L, 2000. *Maternal and paternal lineages in Albania and the genetic structure of Indo-European populations*. Eur J Hum Genet 8: 480-486.
- Bendall K E, Sykes B C, 1995. *Length heteroplasmy in the first hypervariable segments of the human mtDNA control region*. Am J Hum Genet 57: 248-256.
- Bendall K E, Macaulay V A, Baker J R, Sykes B C, 1996. *Heteroplasmic point mutations in human mtDNA control region*. Am J Hum Genet 59: 1276-1287.
- Bendall K E, Macaulay V A, Baker J R, Sykes B C, 1997. *Variable levels of a heteroplasmic point mutations in individuals hair roots*. Am J Hum Genet 61: 1303-1308.
- Berniell-Lee G, Plaza S, Bosch E, Calafell F, Jourdan E, Césari M, Lefranc G, Comas D, 2008. *Admixture and Sexual Bias in the population Settlement of La Réunion Island (Indian Ocean)*. Am J Phys Anthropol 136: 100-107.
- Bertranpetit J, Sala J, Calafell F, Underhill P A, Moral P, Comas D, 1995. *Human mitochondrial DNA variation and the origin of the Basques*. Ann Hum Genet 59: 63-81.
- Bento A M, Balsa F, Afonso Costa H, Lopes V, Serra A, Andrade L, Oliveira C, Batista L, Anjos M J, Carvalho M, Corte-Real F, 2009_a. *MtDNA SNP analysis in a Central Portuguese population*. For Sci Int: Genetics Supplement Series 2: 322-323.
- Bento A M, Lopes V, Serra A, Afonso Costa H, Balsa F, Andrade L, Oliveira C, Batista L, Anjos M J, Carvalho M, Corte-Real F, 2009_b. *Forensic application of mitochondrial DNA SNPs*. For Sci Int: Genetics Supplement Series 2: 215-216.

- Bini C, Ceccardi S, Colalongo C, Ferri G, Falconi M, Pelotti S, Pappalardo G, 2003. *Population data of mitochondrial DNA region HVIII in 150 individuals from Bologna (Italy)*. Progress in Forensic Genetics 9. International Congress Series 1239: 525-528.
- Blanchard M M, Tailon-Miller P, Nowoty P, Nowoty V, 1993. *PCR buffer optimisation with uniform temperature regimen to facilitate automation*. PCR Meth. Applicat. 2, 234-240. Cit. por: Robertson J M, Walsh-Weller J, 1998. In: *An Introduction to PCR Primer Design and Optimization of Amplification Reactions*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Blok R B, Gook D A, Thorburn D R, Dahl H-H M, 1997. *Skewed segregations of mtDNA nt 8993 (T→G) mutation in human oocytes*. Am J Hum Genet 60: 1495-1501.
- Bolnick D A W, Smith D G, 2003. *Unexpected patterns of Mitochondrial DNA variation among native Americans from the southeastern United States*. Am J Phys Anthropol 122: 336-354.
- Brandstätter A, Peterson C T, Irwin J A, Mpoke S, Koech D K, Parson W, Parsons T J, 2004. *Mitochondrial DNA control region sequences from Nairobi (Kenya): inferring phylogenetic parameters for the establishment of a forensic database*. Int J Legal Med 118: 294-306.
- Brehm A, Pereira L, Bandelt H-J, Prata M J, Amorim A, 2002. *Mitochondrial portrait of the Cabo Verde archipelago: the Senegambian outpost of Atlantic slave trade*. Ann Hum Genet 66: 49-60.
- Brehm A, Pereira L, Kivisild T, Amorim A, 2003. *Mitochondrial portraits of the Madeira and Azores archipelagos witness different genetic pools of its settlers*. Hum Genet 114: 77-86.
- Brignon E, Bastien C, Pfitzinger H, 2000. *Forensic DNA typing of single hair samples: mitochondrial DNA sequencing of hypervariable region HV1/HV2*. Progress in Forensic Genetics 8, 460 - 462. Elsevier Science B. V.
- Brock, Madigan, Martinko, Parker, 1994. *Biology of microorganisms*. 7th edition, Prentice-Hall Internacional, Inc.
- Brown M D, Wallace D C, 1994. *Molecular basis of mitochondrial DNA disease*. J Bioenerg Biomemb. 26(3): 273 – 289.
- Brown, T A, 1995. *Gene Cloning an introduction*. 3rd edition, Chapman & Hall.

- Budowle B, Allard M W, Fisher C L, Isenberg A R, Monson K L, Stewart J E B, Wilson M R, Miller K W P, 2002. *HVI and HVII mitochondrial DNA data in Apaches and Navajos*. Int J Legal Med 116: 212-215.
- Butler J M, 1998. *Rapid Assessment of PCR Product Quality and Quantity by Capillary Electrophoresis*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Calafell F, Underhill P, Tolun A, Angelicheva D, Kalaydjieva L, 1996. *From Asia to Europe: mitochondrial DNA Sequence variability in Bulgarians and Turks*. Ann Hum Genet 60: 35-49.
- Cann R L, Stoneking M, Wilson A C, 1987. *Mitochondrial DNA and human evolution*. Nature 325: 31-36.
- Carey, Francis A, 1996. *Organic Chemistry*. Third edition – International Edition, Mc Graw Hill.
- Carracedo A, Bär W, Lincoln P, Mayr W, Morling N, Olaisen B, Schneider P, Budowle B, Brinkman B, Gill P, Holland M, Tully G, Wilson M, 2000. *DNA Commission of the International Society for Forensic Genetics: guidelines for mitochondrial DNA typing*. Forensic Sci Int 110: 79 – 85.
- Carracedo A, D'Aloja E, Dupuy B, Jangblad A, Karjalain M, Lambert C, Parson W, Pfeiffer H, Pfitzinger H, Sabatier Syndercombe Court D, Vide C, 1998. *Reproducibility of mtDNA analysis between laboratories: a report of the European DNA profiling group (EDNAP)*. Forensic Sci Int 97: 165-170.
- Carvalho M, Mendes C, Antunes H, Anjos M J, Andrade L, Lopes V, Vieira D N, Vide M C, 2001. *mtDNA analysis in Portuguese Populations (Central Portugal and Azores Islands): Polymorphic sites in control region sequences*. Progress in Forensic Genetics 9. International Congress Series 1239: 535-539.
- Carvalho M, Lopes V, Balsa F, Brito P, Anjos M J, Andrade L, Antunes H, Serra A, Oliveira C, Batista L, Gamero J, Corte-Real F, Vieira DN, Vide M C, 2006. *Analysis of maternal and paternal lineages of Azores Islands population*. Progress in Forensic Genetics 11. International Congress Series 1288: 415-417.
- Cerný V, Hájek M, Cmejla R, Bruzek J, Brdicka R, 2004. *mtDNA sequences of Chadic-speaking populations from northern Cameroon suggest their affinities with eastern Africa*. Ann Hum Biol 31: 554-569.

- Chamberlin J S, Gibbs R A, Ranier J, Casey C T, 1989. *Multiplex PCR for the diagnosis of Duchenne muscular dystrophy*, in PCR Protocols: A Guide to Methods and Applications (Innis M, Gelfand D, Sninsky D, and White I, eds.), pág. 272-281. Cit. por: Robertson J M, Walsh-Weller J, 1998. In: *An Introduction to PCR Primer Design and Optimization of Amplification Reactions*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Chen Y-S, Olckers A, Schurr T G, Kogelnik A M, Huoponen K, Wallace D C, 2000. *mtDNA variation in the South African Kung and Khwe - and their genetic relationships to other African Populations*. Am. J. Hum. Genet. 66: 1362-1383.
- Coia V, Destro-Bisol G, Verginelli F, Battaglia C, Boshi I, Cruciani F, Spedini G, Comas D, Calafell F, 2005. *Brief communication: mtDNA variation in North Cameroon: lack of Asian lineages and implications for back migration from Asia to Sub-Saharan Africa*. Am J Phys Anthropol 128: 678-681.
- Cornish-Bowden A, 1985. *Nomenclature for incompletely specified bases in nucleic acid sequences: recommendations 1984*. Nucleic Acid Res 13 (9), 3021-3030.
- Côrte-Real F, 1999. *Estudo genético-populacional de microssatélites para aplicação forense nos Países Lusófonos – Análise Filogenética e Valorização Estatística como prova pericial*. Dissertação elaborada para provas de Doutoramento em Medicina – Faculdade de Medicina da Universidade de Coimbra.
- Côrte-Real H B S M, Macaulay V A, Richards M B, Hariti G, Issad M S, Cambom-Thomsen A, Papiha S, Bertranpetit J, Sykes B C, 1996. *Genetic diversity in the Iberian Peninsula determined from mitochondrial sequence analysis*. Ann Hum Genet 60: 331-350
- Crespillo M, Luque J A, Paredes M, Fernández R, Ramírez E, Valverde J L, 2000. *Mitochondrial DNA sequences for 118 individuals from Northeastern Spain*. In J Legal Med 114: 130-132.
- Dario P, Bom J, Ribeiro T, Geada H, 2009. *MtSNP typing before mtDNA sequencing: Why do it? For Sci Int: Genetics Supplement Series 2: 187-188*.
- Delghandi M, Utsi E, Krauss S, 1998. *Saami Mitochondrial DNA Reveals Deep Maternal Lineage Clusters*. Hum Hered, 48, 108-114.

- Deng Y, Li Y, Yu X, Li L, Wu D, Zhou J, Man T, Yang G, Yan J, Cai D, Wang J, Yang H, Li S, Yu J, 2005. *Preliminary DNA Identification for the Tsunami Victims in Thailand*. *Geno Prot Bioinfo* 3(3): 143-157.
- Derbeneva, O A, Starikovskaya, E B, Wallace, D C, Sukernik, R I, 2002. *Traces of Early Eurasians in the Mansi of Northwest Siberia Revealed by Mitochondrial DNA Analysis*. *Am J Hum Genet* 70, 1009-1014.n
- Destro-Bisol G, Donati F, Coia V, Boschi I, Verginelli F, Caglià A, Tofanelli S, Spedini G, Capelli C, 2004. *Variation of Female and Male Lineages in Sub-Saharan Populations: the Importance of Sociocultural Factors*. *Mol Biol Evol* 21(9): 1673-1682.
- Dicionário Enciclopédico da História de Portugal*, 1990. Portugal, Selecções do Reader's Digest.
- Dimo-Simonin N, Grange F, Taroni F, Brandt-Casadevall C, Magin P, 2000. *Forensic evaluation of mtDNA in a population from south west Switzerland*. *Int J Legal Med* 113: 89-97.
- Dunbar D R, Moonie PA, Jacobs H T, Holt I J, 1995. *Different cellular backgrounds confer a marked advantage to either mutant or wild-type mitochondrial genomes*. *Proc Natl Acad Sci USA* 92: 6562- 6566.
- Easton R D, Merriwether D A, Crews D E, Ferrell R E, 1996. *mtDNA Variation in the Yanomami: Evidence for Additional New World Founding Lineages*. *Am J Hum Genet* 59: 213-225.
- Ely B, Wilson J L, Jackson F, Jackson B A, 2006. *African-American mitochondrial DNAs often match mtDNAs found in multiple African ethnic groups*. *BMC Biol* 4: 34.
- Evans M J, Gurer C, Loike J D, Wilmut I, Schnike A E, Schon E A, 1999. *Mitochondrial DNA genotypes in nuclear transfer – derived cloned sheep*. *Nature Genet* 23: 90-93.
- Excoffier L, Laval G, Schneider S, 2005. *Arlequin ver. 3.0: An integrated software package for population genetics data analysis*. *Evolutionary Bioinformatics Online* 1:47-50.
- Felsenstein J, 1993. *PHYLIP (Phylogeny Inference Package) User Manual*. Department of Genetics, University of Washington, Seattle.

- Fernandes A T, Velosa R, Jesus J, Carracedo A, Brehm A, 2003. *Genetic Differentiation of the Cabo Verde Archipelago Population Analysed by STR Polymorphisms*. *Ann Hum Genet* 67: 340-347.
- FMC®, (2002). *Long Ranger™ Gel Protocols*.
- Franccalaci P, Bertranpetit J, Calafell F, Underhill P A, 1996. *Sequence Diversity of the Control Region of Mitochondrial DNA in Tuscany and Its Implications for the Peopling of Europe*. *Am J Phys Anthropol* 100: 443-460.
- Gelfand D H, 1989. *Taq DNA polymerase*, in: *PCR: Principles and Applications for DNA Amplification* (Erich, H A, ed.), Stockton Press, New York, 17 - 22. Cit. por: Robertson J M, Walsh-Weller J, 1998. In: *An Introduction to PCR Primer Design and Optimization of Amplification Reactions*. *Methods in Molecular Biology* 98: Forensic DNA Profiling Protocols.
- Geografia Universal, 1991. Vol. 6 – *África*. Portugal, Editorial Enciclopédia, Lda. – Resomnia Editores.
- Gill P, Jeffreys A J, Werret D J, 1985. *Forensic application of DNA 'fingerprints'*. *Nature* 318(12): 577-579.
- Gill P, Ivanov P L, Kimpton C, Piercy R, Benson N, Tully G, Evett I, Hagelberg E, Sullivan K, 1994. *Identification of the remains of the Romanov family by DNA analysis*. *Nature Genet*, 6:130-135.
- Gonçalves R, Rosa A, Freitas A, Fernandes A, Kivisild T, Villems R, Brehm A, 2003. *Y-chromosome lineages in Cabo Verde Islands witness the diverse geographic origin of its first male settlers*. *Hum Genet* 113: 467-472.
- Gonçalves R, Rosa A, Freitas A, Fernandes A, Kivisild T, Villems R, Brehm A, 2003. *Erratum: Y-chromosome lineages in Cabo Verde Islands witness the diverse geographic origin of its first male settlers*. *Hum Genet* 113: 559.
- Grande Atlas Universal, 1997. Portugal, Selecções do Reader's Digest.
- Graven L, Passarino G, Semino O, Boursot P, Santachiara-Benerecetti S, Langaney A, Excoffier L, 1995. *Evolutionary correlation between control region sequence and restriction polymorphisms in the mitochondrial genome of a large Senegalese Mandenka sample*. *Mol Biol Evol* 12(2): 334-345.
- Green L D, Derr J N, Knight A, 2000. *mtDNA affinities of the peoples of North-Central Mexico*. *Am J Hum Genet* 66: 989-998.

- Helgason A, Hickey E, Goodacre S, Bosnes V, Stefánsson K, Ward R, Sykes B, 2001. *mtDNA and the Islands of the North Atlantic: estimating the proportions of Norse and Gaelic Ancestry*. *Am J Hum Genet* 68:723–737.
- Helgason A, Siguroardóttir S, Gulcher J R, Ward R, Stefánsson K, 2000. *mtDNA and the origin of the Icelanders: deciphering signals of recent population history*. *Am J Hum Genet* 66: 999–1016.
- Hernandez A, Mamely I, Sanchez J J, Cuellas J A, Alonso A, Rodrigues C, 2003. *Mitochondrial DNA analysis of ancient human teeth from a XVIth century archeological excavation*. *Progress in Forensic Genetics* 9. International Congress Series, 1239: 601-604.
- Higuchi R, 1989. *Simple and rapid preparation of samples for PCR*. In H. E. Erlich (Ed. 9). *PCR Technology: Principles and Applications for DNA Amplification*. Stockton Press. New York. Pág: 31-38.
- Horai S, Hayasaka K, Kondo R, Tsugane K, Takahata N, 1995. *Recent African origin of modern humans revealed by complete sequences of hominoid mitochondrial DNAs*. *Proc Natl Acad Sci USA* 92: 532-536.
- Howell N, Kubacka I, Mackey D A, 1996. *How Rapidly Does the human Mitochondrial Genome Evolve?* *Am. J. Hum. Genet.* 59: 501-509.
- Howell N, Mackey D, 1996. *Reply to Macaulay et al.* *Am J Hum Genet* 61: 986-990.
- Hühne J, Pfeifer H, Brikman B, 1998. *Heteroplasmic substitutions in the mitochondrial DNA control region in mother and child samples*. *Int J Legal Med* 112: 27-30.
- Hühne J, Pfeifer H, Waterkamp K, Brikman B, 1999. *Mitochondrial DNA in human hair shafts – existence of intra – individual differences?* *Int J Legal Med* 112: 172-175.
- Imaizumi K, Parsons T J, Yoshino M, Holland M M, 2002. *A new database of mitochondrial hypervariable regions I and II sequences from 162 Japanese individuals*. *Int J Legal Med* 116: 68-73.
- Jackson B A, Wilson J L, Kirbah S, Sidney S S, Rosenberger J, Bassie L, Alie J A D, McLean D C, Garvey W T, Ely B, 2005. *Mitochondrial DNA Genetic Diversity Among Four Ethnic Groups in Sierra Leone*. *Am J Phys Anthropol* 128: 156-163.

- Jazin E E, Cavalier L, Eriksson I, Orelund L, Gyllenstein U, 1996. *Human brain contains high levels of heteroplasmy in the noncoding regions of mitochondrial DNA*. Proc Natl Acad Sci USA 93: 12382-12387.
- Jazin E, Soodyall H, Jalonen P, Lindholm E, Stoneking M, Gyllenstein U, 1998. *Mitochondrial mutation rate revisited: hot spots and polymorphism*. Nature Genet 18: 109-110.
- Jorde L B, Bamshad M J, Watkins W S, Zenger R, Fraley A E, Krakowiak P A, Carpenter K D, Soodyall H, Jenkins T, Rogers A R, 1995. *Origins and Affinities of Modern Humans: A Comparison of Mitochondrial and Nuclear Genetic Data*. Am J Hum Genet 57: 523-538.
- Jorde L B, Bamshad M J, Rogers A R, 1998. *Using mitochondrial and nuclear DNA markers to reconstruct human evolution*. BioEssays 20: 126-136.
- Jin H J, Kwak K D, Hong S B, Shin D J, Han M S, Tyler-Smith C, Kim W, 2006. *Forensic genetic analysis of mitochondrial DNA hypervariable region I/II sequences: An expanded Korean population database*. For Sci Int 158: 125-130.
- Kaneda H, Hayashi J, Takahama S, Taya C, Lindhal K F, Yonekawa H, 1995. *Elimination of paternal mitochondrial DNA in intraspecific crosses during early mouse embryogenesis*. Proc Natl Acad Sci USA 92: 4542- 4546.
- Kittles R A, Bergen A W, Urbanek M, Virkkunen M, Linnoila M, Goldman D, Long J C, 1999. *Autosomal, mitochondrial, and Y chromosome DNA variation in Finland: evidence for a male-specific bottleneck*. Am J Phys Anthropol 108: 381-399.
- Kivisild T, Tolk H-V, Parik J, Wang Y, Papiha S S, Bandelt H-J, Villens R, 2002. *The Emerging Limbs and Twigs of the East Asian mtDNA Tree*. Mol Biol Evol 19: 1737-1751.
- Kivisild T, Rootsi S, Metspalu M, Mastana S, Kaldma K, Parik J, Metspalu E, Adojaan M, Tolk H-V, Stepanov V, Gölge M, Usanga E, Papiha S S, Cinnioglu C, King R, Cavalli-Sforza L, Underhill P A, Villems R, 2003. *The genetic heritage of the earliest settlers persists both in Indian tribal and caste populations*. Am J Hum Genet 73: 313-332.
- Kolman C J, Bermingham E, Cooke R, Ward R H, Arias T D, Guionneau-Sinclair F, 1995. *Reduced mtDNA diversity in the Ngöbe Amerinds of Panamá*. Genetics 144: 275-283.

- Kolman C J, Bermingham E, 1997. *Mitochondrial and nuclear DNA diversity in the Chocó and Chibcha Amerinds of Panamá*. Genetics 147, 1289-1302.
- Korch C, Drabkin H, 1999. *Improved DNA sequencing accuracy and detection of heterozygous alleles using manganese citrate and different fluorescent dye terminators*. Genome Res 9: 588-589.
- Kouvatsi A, Karaiskou N, Apostolidis A, Kirmizidis G, 2001. *Mitochondrial DNA sequence variation in Greeks*. Hum Biol 73: 855-869.
- Koyama H, Iwasa M, Maeno Y, Tsuchimochi T, Isobe I, Seko-Nakamura Y, Monma-Ohtaki J, Matsumoto T, Ogawa S, Sato O, Nagao M, 2002. *Announcement of population data, mitochondrial sequence haplotype in the Japanese population*. Forensic Sci Int 125: 93-96.
- Lagerström-Fermér M, Olsson C, Forsgren L, Syvänen AC, 2001. *Heteroplasmy of the human mtDNA control region remains constant during life*. Am J Hum Genet 68: 1299-1301.
- Lewis C M, Tito R Y, Lizárraga B, Stone A C, 2004. *Land, language, and loci: mtDNA in native Americans and the genetic history of Peru*. Am J Phys Anthropol 127, 351-360.
- Lima G, Pinheiro M F, 2008. *Analysis of 11 SNPs of human mtDNA in individuals from the North of Portugal: a preliminary study*. For Sci Int: Genetics Supplement Series 1: 282-284.
- Lodish H, Baltimore D, Berk A, Zipursky S L, Matsudaira P, Darnel J, 1995. *Molecular Cell Biology*. 3rd edition, Scientific American Books.
- Lutz S, Weisser H-J, Heizmann J, Pollak S, 1998. *Location and frequency of polymorphic positions in the mtDNA control region of individuals from Germany*. Int J Legal Med 111: 67-77.
- Maca-Meyer N, González A M, Pestano J, Flores C, Larruga J M, Cabrera V M, 2003. *Mitochondrial DNA transit between West Asia and North Africa inferred from U6 phylogeography*. BMC Genet 4: 15.
- Macaulay V A, Richards M B, Forster P, Bendall K E, Watson E, Sykes B, Bandelt H-J, 1997. *mtDNA mutation rates – no need to panic*. Am J Hum Genet 61: 983-986.
- Macaulay V, Richards M, Hickey E, Veja E, Cruciani F, Guida V, Scozzari R, Bonn -Tamir B, Sykes B, Torrioni A, 1999. *The emerging tree of West Eurasian mtDNAs: A synthesis of control – region sequences and RFLPs*. Am J Hum Genet 64: 232-249.

- Malyarchuk B A, Derenko M V, 2001. *Mitochondrial DNA variability in Russians and Ukrainians: Implication to the origin of the Eastern Slavs*. Ann Hum Genet 65: 63-78.
- Malyarchuk B A, Grzybowski T, Derenko M V, Czarny J, Wozniak M, Miscicka-Sliwka D, 2002. *Mitochondrial DNA variability in Poles and Russians*. Ann Hum Genet 66: 261-283.
- Manfredi G, Thyagarajan D, Papadopoulou L C, Palloti F, Schon E A, 1997. *The fate of human sperm – derived mtDNA in somatic cells*. Am J Hum Genet 61: 953-960.
- Marchington D R, Poulton J, Sellar A, Holt I J, 1996. *Do sequence variants in the major non – coding region of the mitochondrial genome influence mitochondrial mutations associated with disease?* Hum Mol Genet 5(4): 473 – 479.
- Mateu E, Comas D, Calafell F, Pérez-Lezaun A, Abade A, Bertranpetit J, 1997. *A tale of two islands: population history and mitochondrial DNA sequence variation of Bioko and São Tomé, Gulf of Guinea*. Ann Hum Genet 61: 507-518.
- Medeiros S, Sucena A, Ribeiro T, Espinheira R, Geada H, 2008. *Haplogroup H sub-lineages with mitochondrial SNPs*. For Sci Int: Genetics Supplement Series 1: 285-286.
- Mergen H, Öner R, Öner C. *Mitochondrial DNA sequence variation in the Anatolian Peninsula (Turkey)*. J Genet 83: 39-46.
- Metzker M L, Lu J, Gibbs R A, 1995. *Electrophoretically uniform fluorescent dyes for automated DNA sequencing*. Science 271, 1420-1422. Cit. por: Steighner R J, Holland M, 1998. In: *Amplification and Sequencing of Mitochondrial DNA in Forensic Casework*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Meyer S, Weiss G, Haeseler A V, 1999. *Pattern of nucleotide substitution and rate heterogeneity in the hypervariable regions I and II of human mtDNA*. Genetics, 152: 1103-1110.
- Mikkelsen M, Rockenbauer E, Sorensen E, Rasmussen M, Borsting C, Morling N, 2008. *A mitochondrial DNA SNP multiplex assigning Caucasians into 36 haplo- and subhaplogroups*. For Sci Int: Genetics Supplement Series 1: 287-289.
- Monsalve M V, Hagelberg E, 1997. *Mitochondrial DNA polymorphisms in Carib people of Belize*. Proc R Soc Lond B 264: 1217-1224.

- Moraga M L, Rocco P, Miquel J F, Nervi F, Llop E, Chakraborty R, Rothhammer F, Carvalho P, 2000. *Mitochondrial DNA Polymorphisms in Chilean Aboriginal Populations: Implications for the Peopling of the Southern Cone of the Continent*. Am J Phys Anthropol 113: 19-29.
- Moraga M, Santoro C M, Standen V G, Carvalho P, Rothhammer F, 2005. *Microevolution in prehistoric Andean populations: chronologic mtDNA variation in the desert valleys of northern Chile*. Am J Phys Anthropol 127(2): 170-181.
- Mountain J L, Hebert J M, Bhattacharyya S, Underhill P A, Ottolenghi C, Gadgil M, Cavalli-Sforza L L, 1995. *Demographic History of India and mtDNA-sequence diversity*. Am J Hum Genet 56: 979-992.
- Nakamura S, Murakami C, Irie W, Kobayashi M, Maeda K, Sasaki C, Nakamaru N, Furukawa, Kurihara K, 2008. *Analysis of mtDNA control region using mitoSEQr™ resequencing system and its forensic application*. For Sci Int: Genetics Supplement Series 1: 292-294.
- Nei M, Tajima F, 1981. *DNA polymorphism detectable by restriction endonucleases*. Genetics 97, 145-163.
- Nomenclature Committee of the International Union of Biochemistry (NC-IUB), 1985. *Nomenclature for incompletely specified bases in nucleic acid sequence - Recommendations 1984*. Biochemistry J 229: 281-286.
- Nomenclature Committee of the International Union of Biochemistry (NC-IUB), 1986. *Nomenclature for incompletely specified bases in nucleic acid sequence - Recommendations 1984*. J Biol Chem 261(1): 13-17.
- Novo Atlas do Mundo*, O, 1992. Portugal, Selecções do Reader's Digest.
- Pääbo S, 1996. *Mutational Hot Spots in the Mitochondrial Microcosm*. Invited Editorial. Am. J. Hum. Genet. 59: 493-496.
- Page R, 1996. *Treeview: an application to display phylogenetic trees on personal computers*. Comput Appl Biosci 12: 357-358.
- Parker L T, Deng Q, Zakeri C, Carlson C, Nickerson D A, Kwok P Y, 1995. *Peak height variations in automated sequencing of PCR products using Taq dye-terminator chemistry*. Biotechniques 19: 116-121. Cit. por: Steighner R J, Holland M, 1998. In: *Amplification and Sequencing of*

- Mitochondrial DNA in Forensic Casework*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Parra E J, Ribeiro J C T, Caeiro J L B, Riveiro A, 1995. *Genetic Structure of the Population of Cabo Verde (West Africa): Evidence of Substantial European Admixture*. Am J Phys Anthropol 97: 381-389.
- Parson W, Parsons T J, Scheithauer R, Holland M M, 1998. *Population data for 101 Austrian Caucasian mitochondrial DNA d-loop sequences: Application of mtDNA sequence analysis to a forensic case*. Int J Legal Med 111: 124-132.
- Parsons T J, Muniec D S, Sullivan K, Woodyatt N, Alliston-Greiner R, Wilson M R, Berry D L, Holland K A, Weedn V W, Gill P, Holland M M, 1997. *A high observed substitution rate in the human mitochondrial DNA control region*. Nature Genet 15: 363-368.
- PE Applied Biosystems- A Division of Perkin Elmer, 1997. *ABI PRISM™ dRhodamine Terminator Cycle Sequencing Ready Reaction Kit Protocol*.
- PE Applied Biosystems- A Division of Perkin Elmer, 1998. *Automated DNA Sequencing Chemistry Guide*.
- Pellekaan S M v H, Frommer M, Sved J A, Boettcher B, 1998. *Mitochondrial control-region sequence variation in Aboriginal Australians*. Am J Hum Genet 62: 435-449.
- Pereira L, Cunha C, Amorim A, 2004. *Predicting sampling saturation of mtDNA haplotypes: an application to an enlarged Portuguese database*. Int J Legal Med 118: 132-136.
- Pereira L, Prata M J, Amorim A, 2000. *Diversity of mtDNA lineages in Portugal: not a genetic edge of European variation*. Ann Hum Genet 64: 491-506.
- Pereira L, Macaulay V, Torroni A, Scozzari R, Prata M J, Amorim A, 2001. *Prehistoric and historic traces in the mtDNA of Mozambique: insights into the Bantu expansions and the slave trade*. Ann Hum Genet 65: 439-458.
- Perkin Elmer. *PCR Systems, Reagents & Consumables*.
- Perkin Elmer 1995a. *ABI PRISM™ Comparative PCR Sequencing: A Guide to Sequencing-Based Mutation Detection*.

Perkin Elmer 1995b. *ABI PRISM™ 377 DNA Sequencer User's Manual*. N.º 903433, Rev. A.

Pfeiffer H, Steighner R, Fisher R, Mörstad H, Yoon C-L, Holland M M, 1998. *Mitochondrial DNA extraction and typing from isolated dentin - experimental evaluation in a Korean population*. *Int J Legal Med* 111: 309-313.

Pfeiffer H, Brinkmann B, Hühne J, Rolf B, Morris A A, Steighner R, Holland M M, Forster P, 1999a. *Expanding the forensic German mitochondrial DNA control region database: genetic diversity as a function of sample size and microgeography*. *Int J Legal Med* 112: 291-298.

Pfeiffer H, Hühne J, Ortmann C, Waterkamp K, Brinkmann B, 1999b. *Mitochondrial DNA typing from human axillary, pubic and head hair shafts – success rates and sequence comparisons*. *Int J Legal Med* 112: 287-290.

Pfeiffer H, Forster P, Ortmann C, Brinkmann B, 2001. *The results of an mtDNA study of 1200 inhabitants of a German village in comparison to other Caucasian databases and its relevance for forensic casework*. *Int J Legal Med* 114: 169-172.

Phast System™ Owners Manual. Pharmacia Laboratory separation division.

Piercy R, Sullivan K M, Benson N, Gill P, 1993. *The application of mitochondrial DNA typing to the study of the white Caucasian genetic identification*. *Int J Legal Med* 106: 85-90.

Pinto F, González A M, Hernández M, Larruga J M, Cabrera V M, 1996. *Genetic relationship between the Canary Islanders and their African and Spanish ancestors inferred from mitochondrial DNA sequences*. *Ann Hum Genet* 60: 321-330

Plaza S, Salas A, Calafell F, Corte-Real F, Bertranpetit J, Carracedo A, Comas D, 2004. *Insights into the western Bantu dispersal: mtDNA lineage analysis in Angola*. *Hum Genet* 115: 439-447.

Poetsch M, Wittig H, Krause D, Lignitz E, 2003. *Mitochondrial diversity of a northeast German population sample*. *Forensic Sci Int* 137: 125-132.

Poetsch M, Wittig H, Krause D, Lignitz E, 2004. *Corrigendum to "Mitochondrial diversity of a northeast German population sample"*. *Forensic Sci Int* 145: 73-77.

- Prieto L, Montesino M, Salas A, Alonso A, Albarrán C, Alvarez S, Crespillo M, Di Lonardo A M, Doutremepuich C, Fernández-Fernández I, Veja A G, Gusmão L, López C M, López-Soto M, Lorente J A, Malaghini M, Martínez C A, Modesti N M, Palacio A M, Paredes M, Pena S D J, Pérez-Lezaun A, Pestano J J, Puente J, Sala A, Vide M C, Whittle M R, Yunis J J, Gómez J, 2003. *The 2000-2001 GEP-ISFG collaborative exercise on mtDNA: assessing the cause of unsuccessful mtDNA PCR amplification of hair shaft samples*. *Forensic Sci Int* 134: 46-53.
- Purves, Sadava, Orians, Heller, 2001. *Life –The Science of Biology*. Sixth edition, Sinauer Associates, Inc. & W. H. Freeman and Company.
- Quintana-Murci L, Semino O, Bandelt H-J, Passarino G, McElreavey K, Santachiara-Benerecetti A S, 1999. *Genetic evidence of an early exit of Homo sapiens sapiens from Africa through eastern Africa*. *Nature Genet* 23: 437-441.
- Rajkumar R, Kashyap, V K, 2003. *Haplotype diversity in mitochondrial DNA hypervariable regions I and II in three communities of Southern India*. *Forensic Sci Int* 136: 79-82.
- Rando J C, Pinto F, González A M, Hernández M, Larruga J M, Cabrera V M, Bandelt H J, 1998. *Mitochondrial DNA analysis of Northwest African populations reveals genetic exchanges with European, Near-Eastern, and sub-Saharan populations*. *Ann Hum Genet* 62: 531-550.
- Rasmussen E M, Eriksen B, Sorensen E, Morling N, 2003. *Sequencing of mitochondrial HV1 and HV2 DNA with length heteroplasmy*. *Progress in Forensic Genetics* 9. International Congress Series 1239: 511-513.
- Rasmussen E M, Sorensen E, Eriksen B, Larsen H J, Morling N, 2002. *Sequencing strategy of mitochondrial HV1 and HV2 DNA with length heteroplasmy*. *Forensic Sci Int* 129: 209-213.
- Redd A J, Takezaki N, Sherry S T, McGarvey S T, Sofro A S M, Stoneking M, 1995. *Evolutionary History of the COII/tRNALys Intergenic 9 Base Pair Deletion in Human Mitochondrial DNAs from the Pacific*. *Mol Biol Evol* 12: 604-615.
- Reynier P, Chrétien M-F, Savagner F, Larcher G, Rohmer V, Barrière P, Malthiery Y, 1998. *Long PCR Analysis of Human Gamete mtDNA Suggests Defective Mitochondrial Maintenance in Spermatozoa and Supports the Bottleneck Theory for Oocytes*. *Biochemical and Biophysical Research Communications* 252: 373-377.

- Rickards O, Martínez – Labarga C, Favaro M, Frezza D, Mallegni F, 2001. *DNA analyses of the remains of the Prince Branciforte Barresi family*. Int J Legal Med 114: 141-146.
- Robertson J M, Walsh-Weller J, 1998. *An Introduction to PCR Primer Design and Optimization of Amplification Reactions*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Rodríguez-Monge A, Montesino M, Prieto L, García E, Alvarez D, Rivas, E 2003. *MtDNA control region polymorphism: sequence database and forensic applications*. Progress in Forensic Genetics 9. International Congress Series 1239: 521-524.
- Rosa A, Brehm A, Kivisild T, Metspalu E, Villems R, 2004. *MtDNA Profile of West Africa Guineans: Towards a Better Understanding of the Senegambia Region*. Ann Hum Genet 68: 340-352.
- Rosa A, Ornelas C, Jobling M A, Brehm A, Villems R, 2007. *Y-chromosomal diversity in the population of Guinea-Bissau: a multiethnic perspective*. BMC Evol Biol 7: 124.
- Rousselet F, Mangin P, 1998. *Mitochondrial DNA polymorphism: a study of 50 French Caucasian individuals and application to forensic casework*. Int J Legal Med 111: 292-298.
- Ruiz-Pesini E, Lott M T, Procaccio V, Poole J, Brandon M C, Mishmar D, Yi C, Kreuziger J, Baldi P, Wallace D C, 2007. *An enhanced MITOMAP with a global mtDNA mutational phylogeny*. Nucleic Acids Res 35 (Database issue): D823 – D828. URL: <http://www.mitomap.org>.
- Sahoo S, Kashyap V K, 2006. *Phylogeography of mitochondrial DNA and Y-chromosome haplogroups reveal assymetric gene flow in populations of Eastern India*. Am J Phys Anthropol 131(1): 84-97.
- Saillard J, Forster P, Lynnerup N, Bandelt H-J, Norby S, 2000. *mtDNA variation among Greenland Eskimos: The edge of Berigian expansion*. Am J Hum Genet 67: 718-726.
- Sala A, Alechine E, Bobillo C, Merini L J, Ayala C G, Acosta Ferreira J C, Corach D, 2009. *Mitochondrial DNA control region sequence analysis of Mataco-Guaicurú speaking tribes from Argentina*. For Sci Int: Genetics Supplement Series 2: 331-333.
- Salas A, Comas D, Lareu M V, Bertranpetit J, Carracedo A, 1998. *mtDNA analysis of the Galician population: a genetic edge of European variation*. Eur J Hum Genet 6: 365-375.

- Salas A, 1999. *Estudio de la variabilidad molecular del ADN mitocondrial humano*. Tesis doctoral. Universidad de Santiago de Compostela – Facultad de Medicina. Instituto de Medicina Legal.
- Salas A, Lareu M V, Calafell F, Bertranpetit J, Carracedo A, 2000. *mtDNA hypervariable region II (HVII) sequences in human evolution studies*. Eur J Hum Genet 8: 964-974.
- Salas A, Lareu M V, Carracedo A, 2001. *Heteroplasmy in mtDNA and the weight of evidence in forensic mtDNA analysis: a case report*. Int J Legal Med 114: 186-190.
- Salas A, Richards M, De la Fe T, Lareu M-V, Sobrino B, Sánchez-Diz P, Macaulay V, Carracedo A, 2002. *The Making of the African mtDNA Landscape*. Am J Hum Genet 71: 1082-1111.
- Salas A, Richards M, Lareu M-V, Scozzari R, Coppa A, Torroni A, Macaulay V, Carracedo A, 2004. *The African Diaspora: Mitochondrial DNA and the Atlantic Slave Trade*. Am J Hum Genet 74: 454-465.
- Salas A, Richards M, Lareu M-V, Sobrino B, Silva S, Matamoros M, Macaulay V, Carracedo A, 2005. *Shipwrecks and Founder Effects: Divergent Demographic Histories Reflected in Caribbean mtDNA*. Am J Phys Anthropol 128: 855-860.
- Santos M V, Abreu A, Mendes C, Carvalho M, Anjos M J, Andrade L, Lopes V, Corte-Real F, Vieira DN, Vide MC, 2002. Polimorfismos na sequência do DNA mitocondrial nas populações da Bahia-Brasil a de Angola. Trabalho apresentado no Congresso do GEP – ISFG (Grupo Espanho-Português da Sociedade Internacional de Genética Forense). Barcelona, 4-7 Junho.
- Santos C, Montiel R, Sierra B, Bettencourt C, Fernandez E, Alvarez L, Lima M, Abade A, Aluja P, 2005. *Understanding Differences Between Phylogenetic and Pedigree-Derived mtDNA Mutation Rate: A Model Using Families from the Azores Islands (Portugal)*. Mol Biol Evol 22: 1490-1505.
- Sellier, J, 2004. *Atlas dos povos de África*. Edição: Campo da Comunicação, Lisboa.
- Seo Y, Stradmann-Bellighausen B, Rittner C, Takahama K, Schneider P M, 1998. *Sequence Polymorphism of mitochondrial DNA control region in Japanese*. For Sci Int, 97: 155-164.
- Shields G F, Schmiechen A M, Frazier B L, Redd A, Voevoda M I, Reed J K, Ward R H. *mtDNA Sequences Suggest a Recent Evolutionary Divergence for Berigian and Northern North American Populations*. Am J Hum Genet 53: 549-562.

- Singer-Sam J, Tanguay R L, Riggs A D, 1989. *Use of Chelex to improve the PCR signal from a small number of cells*. Amplifications: A Forum for PCR Users. Issue 3 (September): 11. Cit. por: Walsh P S, Metzger D A and Higuchi R, 1991. *Chelex® 100 as a Medium for Simple Extraction of DNA for PCR-Based Typing from Forensic Material*. BioTechniques 10(4): 506-513.
- Soodyall H, Vigilant L, Hill A V, Stoneking M, Jenkins T, 1996. *mtDNA Control-Region Sequence Variation Suggests Multiple Independent Origins of an "Asian-Specific" 9-bp Deletion in Sub-Saharan Africans*. Am J Hum Genet 58: 595-608.
- Spínola H, Brehm A, Williams F, Jesus J, Middleton D, 2002. *Distribution of HLA alleles in Portugal and Cabo Verde. Relationships with the slave trade route*. Ann Hum Genet 66: 285-296.
- Spínola H, Bruges-Armas J, Middleton D, Brehm A, 2005. *HLA polymorphisms in Cabo Verde and Guiné-Bissau inferred from sequence-based typing*. Hum Immunol 66: 1082-1092.
- Steighner R J, Holland M, 1998. *Amplification and Sequencing of Mitochondrial DNA in Forensic Casework*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Stenico M, Nigro L, Bertorelle G, Calafell F, Capitanio M, Corrain C, Barbujani G, 1996. *High Mitochondrial sequence diversity in linguistic isolates of the Alps*. Am J Hum Genet 59: 1363-1375.
- Stevanovitch A, Gilles A, Bouzaid E, Kefi R, Paris F, Gayraud R P, Spadoni J L, El-Chenawi F, Béraud-Colomb E, 2003. *Mitochondrial DNA sequence diversity in a sedentary population from Egypt*. Ann Hum Genet 68: 23-39.
- Stoneking M, Hedgecock D, Higuchi R G, Vigilant L, Erlich H A, 1991. *Population variation of human mtDNA control region sequences detected by enzymatic amplification and sequence-specific oligonucleotide probes*. Am J Hum Genet 48: 370-382.
- Stryer L, 1995. *Biochemistry*. Fourth edition, W. H. Freeman and Company.
- Sturk K A , Coble M D, Barrit S M, Parsons T J, Just R S, 2008. *The application of the mtDNA SNPs to a forensic case*. For Sci Int: Genetics Supplement Series 1: 295-297.
- Sun X, Ye Y, Li Y, Wu J, Hou Y, 2009. *The polymorphisms of 9 SNP loci on mitochondrial DNA in the Chinese Han population*. For Sci Int: Genetics Supplement Series 2: 347-348.

- Suzuki D T, Griffiths A J F, Miller J H, Lewontin R C, 1989. *An Introduction to Genetic Analysis*. Fourth edition, W. H. Freeman and Company / New York.
- Sykes B, Laiboff A, Low-Beer J, Tetzner S, Richards M, 1995. *The Origins of the Polynesians: An interpretation from mitochondrial lineage analysis*. Am J Hum Genet 57: 1463-1475.
- Tolk H-V, Barac L, Pericic M, Klaric I M, Janicijevic B, Campbell H, Rudan I, Kivisild T, Villems R, Rudan P, 2001. *The evidence of mtDNA haplogroup F in a European population and its ethnohistoric implications*. Eur J Hum Genet 9: 717-723.
- Topal M D & Fresco J R, 1976. *Complementary base pairing and the origin of substitution mutations*. Nature 263: 285-289.
- Torres M M, Bravi C M, Bortolini M-C, Duque C, Callegari-Jacques S, Ortiz D, Bedoya G, Restrepo H G D, Ruiz-Linares A, 2006. *A revertant of the major founder Native American haplogroup C common in populations from Northern South America*. Am J Hum Biol 18: 59-65.
- Torroni A, Huoponen K, Francalacci P, Petrozzi M, Morelli L, Scozzari R, Obinu D, Savontaus M-L, Wallace D C, 1996. *Classification of European mtDNAs From an Analysis of Three European Populations*. Genetics 144: 1835-1850.
- Trovoada M J, Pereira L, Gusmão L, Abade A, Amorim A, Prata M J, 2003. *Pattern of mtDNA Variation in Three Populations from São Tomé e Príncipe*. Ann Hum Genet 68, 40-54.
- Tully G, Bär W, Brinkman B, Carracedo A, Gill P, Morling N, Parson W, Schneider P, 2001. *Considerations by the European DNA profiling (EDNAP) group on the working practices, nomenclature and interpretation of mitochondrial DNA profiles*. Forensic Sci Int 110: 83 – 91.
- Tully G, Lambert C, Bark J, Evans C, Foreman E, Griffiths R L, Holdaway D J, Homer G A, Kilpatrick S R, Kimber C A, Knight P A, Morley J M, 2000. *Mitochondrial DNA genetics: implications for forensic casework*. Progress in Forensic Genetics 8, 24 - 26. Elsevier Science B. V.
- Tully L A, Parsons T J, Steighner R J, Holland M M, Mariano M A, Pregner V L, 2000. *A sensitive denaturing gradient-gel electrophoresis assay reveals a high frequency of heteroplasmy in hypervariable region 1 of human mtDNA control region*. Am J Hum Genet 67: 432-443.

- Turchi C, Buscemi L, Pesari M, Saverio M D, Paoli M, Tagliabracci A, 2003. *Occurrence of heteroplasmy in related individuals*. Progress in Forensic Genetics 9. International Congress Series, 1239: 553-556.
- Vélez A F, 2006. *Genetic Prints of Amerindian Female Migrations Through the Caribbean Revealed by Control Sequences from Dominican Haplogroup A Mitochondrial DNAs*. Tese de Mestrado - Univ. Puerto Rico.
- Vigilant L, Pennington R, Harpending H, Kocher T D, Wilson A C, 1989. *Mitochondrial DNA sequences in single hairs from a southern African population*. Proc Natl Acad Sci USA, 86: 9350-9354.
- Vigilant L, Stoneking M, Harpending H, Hawkes K, Wilson A C, 1991. *African populations and the evolution of mitochondrial DNA*. Science 253: 1503-1507.
- Vogel G, 1997. *Parasites Shed Light on Cellular Evolution*. Science 275: 1422.
- Vona G, Ghiani M E, Calò C M, Vacca L, Memmì M, Varesi L, 2001. *Mitochondrial DNA sequence analysis in Sicily*. Am J Hum Biol 13: 576-589.
- Vona G, Falchi A, Moral P, Calò C M, Varesi L, 2005. *Mitochondrial sequence variation in the Guahibo Amerindian Population from Venezuela*. Am J Phys Anthropol 127: 361-369.
- Wallace D C, 1992. *Diseases of the mitochondrial DNA*. Annu Rev Biochem 61: 1175-1212.
- Wallace D C, 1997. *Mitochondrial DNA in Aging and Disease*. Scientific American, August: 22-29.
- Walsh P S, Metzger D A, Higuchi R, 1991. *Chelex® 100 as a medium for simple extraction of DNA for PCR-based typing from forensic material*. BioTechniques 10(4): 506-513.
- Ward R H, Frazier B L, Dew-Jager K, Paabo S, 1991. *Extensive mitochondrial diversity within a single Amerindian tribe*. Proc Natl Acad Sci USA 88: 8720-8724.
- Ward R H, Redd A, Valencia D, Frazier B, Paabo S, 1993. *Genetic and linguistic differentiation in the Americas*. Proc Natl Acad Sci USA 90: 10663-10667.
- Watson E, Bauer K, Aman R, Weiss G, Haeseler A v, Pääbo S, 1996. *mtDNA sequence diversity in Africa*. Am J Hum Genet 59: 437-444.

- Watson E, Forster P, Richards M, Bandelt H-J, 1997. *Mitochondrial footprints of human expansions in Africa*. Am J Hum Genet 61: 691-704.
- Watson J D & Crick F H C, 1953_a. *A structure for Deoxyribose Nucleic Acid*. Nature 171: 737-738.
- Watson J D & Crick F H C, 1953_b. *Genetical implications of the structure of Deoxyribonucleic Acid*. Nature 171: 964-967.
- Watts D, 1998. *Genotyping STR loci using an automated DNA sequencer*. Methods in Molecular Biology 98: Forensic DNA Profiling Protocols.
- Weir B S, 1996. *The Second National Research Council Report on Forensic DNA evidence*. Invited Editorial. Am J Hum Genet 59: 497-500.
- Wilson M R, Allard M W, Monson K, Miller K W P, Budowle B, 2002. *Recommendations for consistent treatment of length variants in the human mitochondrial DNA control region*. Forensic Sci Int 129: 35-42.
- Wilson M R, DiZinno J A, Polansky D, Reploge J, Budowle B, 1995. *Validation of mitochondrial DNA sequencing for forensic casework analysis*. Int J Legal Med 108: 68-74.
- Wittig H, Koecke M, Sattler K-U, Krause D, 2003. *D-Loop-BASE is online now Central European database of mitochondrial DNA*. Progress in Forensic Genetics 9. International Congress Series, 1239: 505-509.
- Wood E T, Stover D A, Ehret C, Destro-Bisol G, Spedini G, McLeod H, Louie L, Bamshad M, Strassmann B I, Soodyall H, Hammer M F, 2005. *Contrasting patterns of Y chromosome and mtDNA variation in Africa: evidence for a sex-biased demographic processes*. Eur J Hum Genet 13(7): 867-876.
- Yao Y-G, Kong Q-P, Bandelt H-J, Kivisild T, Zhang Y-P, 2002. *Phylogeographic differentiation of mitochondrial DNA in Han Chinese*. Am J Hum Genet 70: 635-651.

Outras Referências

Endereços electrónicos (on line at):

African Studies Center – Cape Verde Page.

http://www.sas.upenn.edu/African_Studies/Country_Specific/C_Verde.html

African Studies Center – Guinea Bissau Page.

http://www.sas.upenn.edu/African_Studies/Country_Specific/G_Bissau.html

Centro de Estudos Multiculturais

www.multiculturas.com/cabo_verde

Federal Bureau of Investigation

<http://www.fbi.gov/>

Felsenstein, J. 1993. PHYLIP (Phylogeny Inference Package) User Manual. Department of Genetics, University of Washington, Seattle.

<http://evolution.genetics.washington.edu/phylip.html>

Germinal – Jornal da Oposição Operária – ‘África: berço da humanidade e da civilização.’

http://sites.uol.com.br/opop/ger_n7_4.htm

Mapa Etnográfico da Guiné-Bissau

<http://www.tchando.com/gui4.html>

MBendi – Information for Africa. An MBendi profile: Cape Verde.

<http://www.mbendi.co.za/cycvmmps2.gif> e <http://mbendi.co.za/land/af/cv/p0005.htm>

MBendi – Information for Africa. An MBendi profile: Guinea-Bissau.

<http://mbendi.co.za/cygbmps2.gif> e <http://mbendi.co.za/land/af/gb/p0005.htm>

Os descobrimentos – NMMcriações © 1999 / 2001.

<http://descobrimentos.tripod.com/>

Mitomap – A human mitochondrial genome database

<http://www.mitomap.org>.