

Publications since 2010

2010

- M.C. Bobillo, B. Zimmermann, A. Sala, G. Huber, A. Röck, H.-J. Bandelt, D. Corach, W. Parson: Amerindian mitochondrial DNA haplogroups predominate in the population of Argentina: towards a first nationwide forensic mitochondrial DNA sequence database. *International Journal of Legal Medicine* 124(4): 263-268.
- H.-J. Bandelt, V. Chepoi, D. Eppstein: Combinatorics and geometry of finite and infinite squaregraphs. *SIAM Journal of Discrete Mathematics* 24: 1399–1440.
- P. Soares, A. Achilli, O. Semino, W. Davies, V. Macaulay, H.-J. Bandelt, A. Torroni, M.B. Richards: The archaeogenetics of Europe. *Current Biology* 20: R174-R183.
- Q.-P. Kong, H.-J. Bandelt, M. Zhao, Y.-P. Zhang, Y.-G. Yao: Reply to van Oven: Suggestions and caveats for naming mtDNA haplogroup. *Proceedings of the National Academy of Sciences U.S.A.* 107: E40-E41.

2011

- A.-M. Zhang, H.-J. Bandelt, X. Jia, W. Zhang, S. Li., D. Yu, D. Wang, X.-Y. Zhuang, Q. Zhang, Y.-G. Yao: Is mitochondrial tRNA^{phe} Variant m.593T>C a synergistically pathogenic mutation in Chinese LHON families with m.11778G>A? *PLoS ONE* 6(10): e26511.

2012

- H.-J. Bandelt, A. Salas: Current next generation sequencing technology may not meet forensic standards. *Forensic Science International Genetics* 6(1): 143–145.
- M. Bodner, U.A. Perego, G. Huber, L. Fendt, A.W. Röck, B. Zimmermann, A. Olivieri, A. Gómez-Carballa, H. Lancioni, N. Angerhofer, M.C. Bobillo, D. Corach, S.R. Woodward, A. Salas, A. Achilli, A. Torroni, H.-J. Bandelt, W. Parson: Rapid coastal spread of First Americans: novel insights from South America's Southern Cone mitochondrial genomes. *Genome Research* 22(5): 811–820.
- A. Achilli, A. Olivieri, P. Soares, H. Lancioni, B.H. Kashani, U.A. Perego, S.G. Nergadze, V. Carossa, M. Santagostino, S. Capomaccio, M. Felicetti, W. Al-Achkar, M.C.T. Penedo, A. Verini-Supplizi, M. Houshmand, S.R. Woodward, O. Semino, M. Silvestrelli, E. Giulotto, L. Pereira, H.-J. Bandelt, A. Torroni: Mitochondrial genomes from modern horses reveal the major haplogroups that underwent domestication. *Proceedings of the National Academy of Sciences U.S.A.* 109(7): 2449–2454.

2014

- H.-J. Bandelt, A. Kloss-Brandstätter, M.B. Richards, Y.-G. Yao, I. Logan: The case for the continuing use of the revised Cambridge Reference Sequence (rCRS) and the standardization of notation in human mitochondrial DNA studies. *Journal of Human Genetics* 59(2): 66–77.

A. Salas, M. García-Magariños, I. Logan , H.-J. Bandelt: The saga of the many studies wrongly associating mitochondrial DNA with breast cancer. *BMC Cancer* 14: 659.

2015

H.-J. Bandelt, T. Weidl: Der falsche Schein der Modellierens. Diskussionsbeitrag, *Mitteilungen der DMV* 23: 4–5.

H.-J. Bandelt: Modellbildung versus Modellisieren und Scheinmodellierung. *GDM-Mitteilungen* 99: 6 – 18.

W. Kühnel, H.-J. Bandelt, Th. Jahnke, H.-P. Klein, D. Remus, M. Schweighofer, Th. Sonar, M. Spindler, S. Walcher: Zur neuen Schulmathematik im Abitur – Die Bildungsstandards der KMK von 2012. *Mitteilungen der DMV* 23: 106–109.

R. Wiechmann, H.-J. Bandelt: Zehn unbequeme Fragen zur Kompetenzorientierung des Mathematikunterrichts. *Mitteilungen der DMV* 23: 176–180.

H.-J. Bandelt, V. Chepoi, D. Eppstein: Ramified rectilinear polygons: coordinatization by dendrons. *Discrete and Computational Geometry* 54: 771–797.