

**ISI PUBLICATIONS *in extenso***  
(*IF=Impact Factor*)

1. Cardinali I, Lancioni H, Giontella A, Capodiferro MR, Capomaccio S, Buttazzoni L, Biggio GP, Cherchi R, Albertini E, Olivieri A, Cappelli K, **Achilli A\***, Silvestrelli M\*. An overview of ten Italian horse breeds through mitochondrial DNA. PLoS One. 11: e0153004 (2016). **[IF: 3.057]** \*These authors contributed equally to this work
2. Gandini F, **Achilli A**, Pala M, Bodner M, Brandini S, Huber G, Egyed B, Ferretti L, Gómez-Carballa A, Salas A, Scozzari R, Cruciani F, Coppa A, Parson W, Semino O, Soares P, Torroni A, Richards MB, Olivieri A. Mapping human dispersals into the Horn of Africa from Arabian Ice Age refugia using mitogenomes. Sci Rep. 6: 25472 (2016) **[IF: 5.228]**
3. Lancioni H, Di Lorenzo P, Cardinali I, Ceccobelli S, Capodiferro MR, Fichera A, Grugni V, Semino O, Ferretti L, Gruppetta A, Attard G, **Achilli A\***, Lasagna E\*. Survey of uniparental genetic markers in the Maltese cattle breed reveals a significant founder effect but does not indicate local domestication. Anim Genet. 47: 267-269 (2016). **[IF: 1.779]** \*These authors contributed equally to this work
4. Barcaccia G, Galla G, **Achilli A**, Olivieri A, Torroni A. Uncovering the sources of DNA found on the Turin Shroud. Sci Rep. 5: 14484 (2015). **[IF: 5.228]**
5. Colli L, Lancioni H, Cardinali I, Olivieri A, Capodiferro MR, Pellicchia M, Rzepus M, Zamani W, Naderi S, Gandini F, Vahidi SM, Agha S, Randi E, Battaglia V, Sardina MT, Portolano B, Rezaei HR, Lymberakis P, Boyer F, Coissac E, Pompanon F, Taberlet P, Ajmone Marsan P, **Achilli A**. Whole mitochondrial genomes unveil the impact of domestication on goat matrilineal variability. BMC Genomics. 16: 1115 (2015) **[IF: 3.867]**
6. Gomes SM, Bodner M, Souto L, Zimmermann B, Huber G, Strobl C, Röck AW, **Achilli A**, Olivieri A, Torroni A, Côté-Real F, Parson W. Human settlement history between Sunda and Sahul: a focus on East Timor (Timor-Leste) and the Pleistocene mtDNA diversity. BMC Genomics. 16: 70 (2015) **[IF: 3.867]**
7. Grugni V, Battaglia V, Perego UA, Raveane A, Lancioni H, Olivieri A, Ferretti L, Woodward SR, Pascale JM, Cooke R, Myres N, Motta J, Torroni A, **Achilli A**, Semino O. Exploring the Y chromosomal ancestry of modern Panamanians. PLoS One 10: e0144223 (2015) **[IF: 3.057]**
8. Olivieri A, Gandini F, **Achilli A**, Fichera A, Rizzi E, Bonfiglio S, Battaglia V, Brandini S, De Gaetano A, El-Beltagi A, Lancioni H, Agha S, Semino O, Ferretti L, Torroni A. Mitogenomes from Egyptian cattle breeds: new clues on the origin of haplogroup Q and the early spread of *Bos taurus* from the Near East. PLoS ONE. 10: e0141170 (2015) **[IF: 3.057]**
9. Vai S, Ghirotto S, Pilli E, Tassi F, Lari M, Rizzi E, Matas-Laluzza L, Ramirez O, Laluzza-Fox C, **Achilli A**, Olivieri A, Torroni A, Lancioni H, Giostra C, Bedini E, Pejrani Baricco L, Matullo G, Di Gaetano C, Piazza A, Veeramah K, Geary P, Caramelli D, Barbujani G. Genealogical relationships between early medieval and modern inhabitants of Piedmont. PLoS ONE. 10: e0116801 (2015) **[IF: 3.057]**
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22. **Achilli A**, Olivieri A, Soares P, Lancioni H, Hooshkar Kashani B, Perego UA, Nergadze SG, Carossa V, Santagostino M, Capomaccio S, Felicetti M, Al-Achkar W, Penedo MC, Verini-Supplizi A, Houshmand M, Woodward SR, Semino O, Silvestrelli M, Giulotto E, Pereira L, Bandelt HJ, Torroni A. Mitochondrial genomes from modern horses reveal the major haplogroups that underwent domestication. *Proc Natl Acad Sci USA*. 109: 2449-54 (2012) [IF: 9.737]
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**Prof. Alessandro Achilli**