

Publications and scientific titles

Bibliometrics Indices:

Average impact factor: 5

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Scopus (Author ID: 57034054300). Docs: 7; Citations: 49; H-index: 4.

ISI-Web of Knowledge (ResearcherID: I-9236-2012): Docs: 7; Total citations: 49; H-index: 4.

Google Scholar: Docs: 8; Total citations: 61; H-index: 4.

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Publications:

- P. Di Lorenzo, H. Lancioni, S. Ceccobelli, L. Colli, I. Cardinali, T. Karsli, **M.R. Capodiferro**, E. Sahin, L. Ferretti, P. Ajmone Marsan, F.M. Sarti, E. Lasagna, F. Panella, A. Achilli. Mitochondrial DNA variants of Podolian cattle breeds testify for a dual maternal origin. *PLoS One*. 2018 Feb 20;13(2):e0192567 . [IF: 3.23].
- S. Wang, N. Chen, **M.R. Capodiferro**, T. Zhang, H. Lancioni, H. Zhang, Y. Miao, V. Chanthakhoun, M. Wanapat, M. Yindee, Y. Zhang, H. Lu, L. Caporali, R. Dang, Y. Huang, X. Lan, M. Plath, H. Chen, J. A. Lenstra, A. Achilli, C. Lei. Whole Mitogenomes Reveal the History of Swamp Buffalo: Initially Shaped by Glacial Periods and Eventually Modelled by Domestication. *Sci Rep*. 2017 Jul 5;7(1):4708. [IF: 4.259]
- A. Olivieri, C. Sidore, A. Achilli, A. Angius, C. Posth, A. Furtwängler, S. Brandini, **M.R. Capodiferro**, F. Gandini, M. Zoledziewska, M. Pitzalis, A. Maschio, F. Busonero, L. Lai, R. Skeates, M.G. Gradoli, J. Beckett, M. Marongiu, V. Mazzarello, P. Marongiu, S. Rubino, T. Rito, V. Macaulay, O. Semino, M. Pala, G. Abecasis, D. Schlessinger, P. Soares, M.B. Richards, F. Cucca, A. Torroni. Mitogenome Diversity in Sardinians: a Genetic Window onto an Island's Past. *Mol Biol Evol*. 2017 May 1;34(5):1230-1239. [IF: 13.649]
- V. Battaglia, P. Gabrieli, S. Brandini, **M.R. Capodiferro**, P. J. Javier, X. G. Chen, A. Achilli, O. Semino, L. M. Gomulsky, A. R. Malacrida, G. Gasperi, A. Torroni, A. Olivieri. The worldwide spread of the tiger mosquito as revealed by mitogenome haplogroup diversity. *Front Genet*. 2016 Nov 23, 7:208. [IF: 4.151]
- I. Cardinali, H. Lancioni, A. Giontella, **M.R. Capodiferro**, S. Capomaccio, L. Buttazzoni, G.P. Biggio, R. Cherchi, E. Albertini, A. Olivieri, K. Cappelli, A. Achilli, M. Silvestrelli. An overview of ten Italian horse breeds through mitochondrial DNA. *Plos One*. 2016 Apr 7;11(4):e0153004. [IF: 3.23]
- H. Lancioni, P. Di Lorenzo, I. Cardinali, S. Ceccobelli, **M.R. Capodiferro**, A. Fichera, V. Grugni, O. Semino, L. Ferretti, A. Gruppetta, G. Attard, A. Achilli, E. Lasagna. Survey of uniparental genetic markers in the Maltese cattle breed reveals a significant founder effect but does not indicate local domestication. *Anim Genet*. 2016 Apr;47(2):267-9. [IF: 2.21]
- L. Colli, H. Lancioni, I. Cardinali, A. Olivieri, **M.R. Capodiferro**, M. Pellicchia, M. Rzepus, W. Zamani, S. Naderi, F. Gandini, S.M. Vahidi, S. Agha, E. Randi, V. Battaglia, M.T. Sardina, B. Portolano, H.R. Rezaei, P. Lymberakis, F. Boyer, E. Coic, F. Pompanon, P. Taberlet, P. Ajmone Marsan, A. Achilli. Whole mitochondrial genomes unveil the impact of domestication on goat matrilineal variability. *BMC Genomics*. 2015 Dec 29;16(1):1115.[IF:3.99]

Oral Presentation:

- **M.R. Capodiferro**, A. Raveane, H. Li, C.L. Scheib, A. Modi, F. Montinaro, J. Riviera, U.A. Perego, N. Rambaldi Migliore, I. Hernández-Mora, T. Mendizábal, C. Knipper, M. Metspalu, R. Cooke, M. Lari, L. Pagani, D. Caramelli, A. Torroni, A. Olivieri, J. Martin, O. Semino, Ripan S.

Malhi, B. Aram, A. Achilli. Exploring the genetic history of Panamanians through ancient genomes. FISV 2018, Rome, 18-21 September

▪ **M.R. Capodiferro**, S. Wang, N. Chen, T. Zhang, H. Lancioni, I. Cardinali, H. Zhang, Y. Miao, V. Chanthakhoun, M. Wanapat, M. Yindee, Y. Zhang, H. Lu, R. Dang, Y. Huang, X. Lan, M. Plath, H. Chen, J. A. Lenstra, A. Achilli, C. Lei. Looking into the Swamp Buffalo Genetic History Through the Whole Mitogenome Analysis. ASPA 2017, Perugia, 13-16 June

Proceedings:

▪ **M.R. Capodiferro**, S. Wang, N. Chen, T. Zhang, H. Lancioni, I. Cardinali, H. Zhang, Y. Miao, V. Chanthakhoun, M. Wanapat, M. Yindee, Y. Zhang, H. Lu, R. Dang, Y. Huang, X. Lan, M. Plath, H. Chen, J.A. Lenstra, C. Lei, A. Achilli. Mitogenome Insights into the Genetic History of Swamp Buffalo Populations. FISV 2016, Rome, 20-23 September.

▪ H. Lancioni, F. Vercillo, **M.R. Capodiferro**, I. Cardinali, M. Biagetti, C. Sebastiani, L. Iacolina, A. Olivieri, U. Sergiacomi, M. Scandura, A. Torroni, B. Ragni, A. Achilli. Genetic peculiarities of the wild boar in Italy. 1° Congresso Nazionale Congiunto SITE - UZI – SIB 2016, Milan, 30 August -2 September.

▪ A. Achilli, U.A. Perego, A. Owings, H. Lancioni, A. Olivieri, I. Cardinali, **M.R. Capodiferro**, V. Battaglia, S. Brandini, A. Fichera, S.R. Woodward, O. Semino, J.R., Johnson, E. Willerslev, M. Stoneking, A. Torroni, R.S. Malh. A comprehensive, diachronic and comparative picture of the mitogenome variation along the Americas. ASHG 2015, Baltimore, Maryland, 6-10 October.

▪ I. Cardinali, H. Lancioni, P. Di Lorenzo, S. Ceccobelli, **M.R. Capodiferro**, A. Fichera, A. Gruppetta, G. Attard, E. Lasagna, A. Achilli. The first mitochondrial survey on the current population of the Maltese cattle breed testifies a strong and significant founder effect and a maternal influence from Northern Europe. AGI-SIMA 2015, Cortona, 28-30 September.

▪ S. Ceccobelli, P. Di Lorenzo, H. Lancioni, I. Cardinali, L. Colli, **M.R. Capodiferro**, L. Ferretti, P.A. Marsan, F. Panella, E. Lasagna, A. Achilli. The distinctive mitochondrial DNA signature of Podolic cattle in Italy. ASPA 2015, Milano, 9-12 June.

▪ I. Cardinali, H. Lancioni, S. Capomaccio, K. Cappelli, A. Giontella, U.A. Perego, **M.R. Capodiferro**, E. Rizzi, A. Olivieri, M. Silvestrelli, A. Achilli. The horse mitochondrial haplogroup variation in ten Italian local breeds. Fisv 2014, Pisa, 24-27 September.

▪ H. Lancioni, F. Vercillo, **M.R. Capodiferro**, I. Cardinali, M. Sabino, M. Biagetti, F. Vincenti, C. Sebastiani, F. Dionigi, L. Iacolina, E. Rizzi, A. Olivieri, U. Sergiacomi, M. Scandura, A. Torroni, B. Ragni, A. Achilli. Genetic peculiarities of the wild boar in Italy. Fisv 2014, Pisa, 24-27 September.

▪ A. Achilli, V. Battaglia, V. Grugni, U.A. Perego, H. Lancioni, M. Tribaldos, A. Olivieri, I. Cardinali, E. Rizzi, A. Raveane, **M.R. Capodiferro**, S.R. Woodward, J.M. Pascale, R. Cooke, N. Myres, A. Torroni, J. Motta, O. Semino. Exploring the Y-Chromosome Variation of Modern Panamanians. ASHG 2014, San Diego, CA. 18-22 October

Pavia, 31/07/2018
Marco Rosario Capodiferro