

ELENCO PUBBLICAZIONI

- **Grugni V**, Raveane A, Mattioli F, Battaglia V, Sala C, Toniolo D, Ferretti L, Gardella R, Achilli A, Olivieri A, Torroni A, Passarino G, Semino O. Reconstructing the genetic history of Italians: new insights from a male (Y-chromosome) perspective. *Ann Hum Biol.* 2018 Feb;45(1):44-56. [IF: 1.531]
- Balanovsky O, Gurianov V, Zaporozhchenko V, Balaganskaya O, Urasin V, Zhabagin M, **Grugni V**, Canada R, Al-Zahery N, Raveane A, Wei R, Yan S, Wang X, Zalloua P, Marafi A, Koshel S, Semino O, Tyler-Smith C, Balanovska E. Phylogeography of human Y-chromosome haplogroup Q3-L275 from an academic/citizen science collaboration. *BMC Evol Biol* 17:18. [IF: 3.406]
- 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 (2016) 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. [IF: 1.779]
- **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 (2015) Exploring the Y chromosomal ancestry of modern Panamanians. *PLoS One.* 10: e0144223. [IF: 3.057]
- Underhill PA, Poznik GD, Rootsi S, Järve M, Lin AA, Wang J, Passarelli B, Kanbar J, Myres NM, King RJ, Di Cristofaro J, Sahakyan H, Behar DM, Kushniarevich A, Sarac J, Saric T, Rudan P, Pathak AK, Chaubey G, **Grugni V**, Semino O, Yepiskoposyan L, Bahmanimehr A, Farjadian S, Balanovsky O, Khusnutdinova EK, Herrera RJ, Chiaroni J, Bustamante CD, Quake SR, Kivisild T, Villems R (2015) The phylogenetic and geographic structure of Y-chromosome haplogroup R1a. *Eur J Hum Genet.* 23: 124-131. [IF: 4.580]
- Rootsi S, Behar DM, Järve M, Lin AA, Myres NM, Passarelli B, Poznik GD, TzurS, Sahakyan H, Pathak AK, Rosset S, Metspalu M, **Grugni V**, Semino O, Metspalu E, Bustamante CD, Skorecki K, Villems R, Kivisild T, Underhill PA (2013) Phylogenetic applications of whole Y-chromosome sequences and the Near Eastern origin of Ashkenazi Levites. *Nat Commun.* 4: 2928. [IF: 10.742]
- Battaglia V, **Grugni V**, Perego UA, Angerhofer N, Gomez-Palmieri JE, Woodward SR, Achilli A, Myres N, Torroni A, Semino O (2013) The first peopling of South America: new evidence from Y-chromosome haplogroup Q. *PLoS One.* 8: e71390. [IF: 3.534]
- Achilli A, Perego UA, Lancioni H, Olivieri A, Gandini F, Hooshiar Kashani B, Battaglia V, **Grugni V**, Angerhofer N, Rogers MP, Herrera RJ, Woodward SR, Labuda D, Smith DG, Cybulski JS, Semino O, Malhi RS, Torroni A (2013) Reconciling migration models to the Americas with the variation of North American Native mitogenomes. *Proc Natl Acad Sci U S A.* 2013 110: 14308-1413. [IF: 9.809]
- Olivieri A, Pala M, Gandini F, Hooshiar Kashani B, Perego UA, Woodward SR, **Grugni V**, Battaglia V, Semino O, Achilli A, Richards MB, Torroni A (2013) Mitogenomes from two uncommon haplogroups mark late glacial/postglacial expansions from the Near East and Neolithic dispersals within Europe. *PLoS One.* 8: e70492. [IF: 3.534]
- Karachanak S*, **Grugni V***, Fornarino S, Nesheva D, Al-Zahery N, Battaglia V, Carossa V, Yordanov Y, Torroni A, Galabov AS, Toncheva D, Semino O (2013) Y-chromosome diversity in modern Bulgarians: new clues about their ancestry. *PLoS One.* 8: e56779. [IF: 3.534]
- Verdu P, Becker NS, Froment A, Georges M, **Grugni V**, Quintana-Murci L, Hombert JM, Van der Veen L, Le Bomin S, Bahuchet S, Heyer E, Austerlitz F (2013) Sociocultural behavior, sex-biased admixture, and effective population sizes in Central African Pygmies and non-Pygmies. *Mol Biol Evol.* 30: 918-937. [IF: 14.308]

- **Grugni V**, Battaglia V, Hooshier Kashani B, Parolo S, Al-Zahery N, Achilli A, Olivieri A, Gandini F, Houshmand M, Sanati MH, Torroni A, Semino O (2012) Ancient migratory events in the Middle East: new clues from the Y-chromosome variation of modern Iranians. *PLoS One*. 7: e41252. [IF: 3.730]
- Rootsi S, Myres NM, Lin AA, Järve M, King RJ, Kutuev I, Cabrera VM, Khusnutdinova EK, Varendi K, Sahakyan H, Behar D, Balanovsky O, Balanovska E, Rudan P, Yepiskoposyan L, Bahmanimehr A, Kushniarevich A, Herrera RJ, **Grugni V**, Battaglia V, Nici C, Semino O, Hooshier Kashani B, Houshmand M, Sanati MH, Karacanak S, Toncheva D, Galabo AS, Lisa A, Crobu F, Chiaroni J, Di Cristofaro J, Villems R, Kivisild T, Underhill PA (2012) Distinguishing co-ancestries of European and Caucasian human Y-chromosomes within haplogroup G. *Eur J Hum Genet*. 20:1275-1282. [IF: 4.319]
- Bonfiglio S, De Gaetano A, Tesfaye K, **Grugni V**, Semino O, Ferretti L (2012) A novel USP9Y polymorphism allowing a rapid and unambiguous classification of Bos taurus Y chromosomes into haplogroups. *Animal Genet* 4: 611-613. [IF: 1.779]
- Al-Zahery N, Pala M, Battaglia V, **Grugni V**, Hamod MA, Hooshier Kashani B, Olivieri A, Torroni A, Santachiara-Benerecetti AS, Semino O (2011) In search of the genetic footprints of Sumerians: a survey of Y-chromosome and mtDNA variation in the Marsh Arabs of Iraq. *BMC Evol Biol* 11: 288-303. [IF: 3.521]
- Achilli A, Olivieri A, Pala M, Hooshier Kashani B, Carossa V, Perego UA, Gandini F, Santoro A, Battaglia V, **Grugni V**, Lancioni H, Sirolla C, Bonfigli AR, Cormio A, Boemi M, Testa I, Semino O, Ceriello A, Spazzafumo L, Gadaleta MN, Marra M, Testa R, Franceschi C, Torroni A (2011) Mitochondrial DNA backgrounds might modulate diabetes complications rather than T2DM as a whole. *PLoS One* 6: e21029. [IF: 4.092]
- Karacanak S, Carossa V, Nesheva D, Olivieri A, Pala M, Hooshier Kashani B, **Grugni V**, Battaglia V, Achilli A, Yordanov Y, Galabov AS, Semino O, Toncheva D, Torroni A (2012) Bulgarians vs the other European populations: a mitochondrial DNA perspective. *Int J Legal Med* 126: 497-503. [IF: 2.587]