

ELENCO DELLE PUBBLICAZIONI - LIST OF PUBLICATIONS

Dr. Solomon NERGADZE

49 Full papers in peer reviewed journals (PubMed, NCBI)

1 volume contribution (assay),

76 meeting abstracts,

1. Santagostino M, Piras FM, Cappelletti E, Del Giudice S, Semino O, Nergadze SG, Giulotto E. (2020) Insertion of Telomeric Repeats in the Human and Horse Genomes: An Evolutionary Perspective. *Int. J. Mol. Sci.* 21(8):E2838, e-publication: 18 Apr, 2020, PMID: 32325780 doi: 10.3390/ijms21082838
2. Cappelletti E, Piras FM, Badiale C, Bambi M, Santagostino M, Vara C, Masterson TA, Sullivan KF, **Nergadze SG**, Ruiz-Herrera A, Giulotto E. (2019) CENP-A binding domains and recombination patterns in horse spermatocytes. *Sci. Rep.*, 9:15800. doi: 10.1038/s41598-019-52153-1 Codice Scopus: 2-s2.0-85074256836
3. Roberti A, Bensi M, Mazzagatti A, Piras FM, **Nergadze SG**, Giulotto E, Raimondi E. (2019) Satellite DNA at the Centromere is Dispensable for Segregation Fidelity. *Genes* (Basel), 10(6). pii: E469. doi: 10.3390/genes10060469. Codice Scopus: 2-s2.0-85069530450
4. Scietti L, Chiapparino A, De Giorgi F, Fumagalli M, Khoraiuli L, **Nergadze S**, Basu S, Olieric V, Cucca L, Banushi B, Profumo A, Giulotto E, Gissen P, Forneris F. (2018) Molecular architecture of the multifunctional collagen lysyl hydroxylase and glycosyltransferase LH3. *Nat Commun.* 9(1):3163. PMID: 30089812 PMID: [PMCID:PM6082870](https://pubmed.ncbi.nlm.nih.gov/30089812/) DOI: 10.1038/s41467-018-05631-5. Scopus:
5. **Nergadze SG**, Piras FM, Gamba R, Corbo M, Cerutti F, McCarter JGW, Cappelletti E, Gozzo F, Harman RM, Antczak DF, Miller D, Scharfe M, Pavesi G, Raimondi E, Sullivan KF, Giulotto E. (2018) Birth, evolution and transmission of mammalian centromeric domains. *Genome Research* 28(6):789-799. DOI: 10.1101/gr.231159.117. [Epub ahead of print] ISSN 1088-9051/18. ISI: WOS:000436084800004 Codice Scopus EID:2-s2.0-85047936077 PubMed ID: 29712753
6. Vitelli V, Falvo P, **Nergadze SG**, Santagostino M, Khoraiuli L, Pellanda P, Bertino G, Occhini A, Benazzo M, Morbini P, Paulli M, Porta C, Giulotto E. (2018) Telomeric Repeat-Containing RNAs (TERRA) Decrease in Squamous Cell Carcinoma of the Head and Neck Is Associated with Worsened Clinical Outcome. *Int J Mol Sci.* 19(1). doi: 10.3390/ijms19010274, PMID: 29342094
7. Khoraiuli L, Romano A, Caprioli M, Santagostino M, **Nergadze SG**, Costanzo A, Rubolini D, Giulotto E, Saino N, Parolini M. (2017) Assortative mating for telomere length and antioxidant capacity in barn swallows (*Hirundo rustica*) *Behav. Ecol. Sociobiol.* 71(8): 124. DOI: 10.1007/s00265-017-2352-y
8. Parolini M, Romano A, Costanzo A, Khoraiuli L, Santagostino M, **Nergadze SG**, Canova L, Rubolini D, Giulotto E, Saino N. (2017) Telomere length is reflected by plumage coloration and predicts seasonal reproductive success in the barn swallow. *Mol. Ecol.* 26:6100-6109. doi:10.1111/mec.14340.
9. Parolini M, Khoraiuli L, Possenti CD, Colombo G, Caprioli M, Santagostino M, Nergadze SG, Milzani A, Giulotto E, Saino N. (2017) Yolk vitamin E prevents oxidative damage in gull hatchlings. *R Soc Open Sci.* 4(5):170098. doi: 10.1098/rsos.170098. IF: **4.822**
10. Costanzo A, Parolini M, Bazzi G, Khoraiuli L, Santagostino M, Possenti CD, Romano A, **Nergadze SG**, Rubolini D, Giulotto E, Saino N. (2017) Brood size, telomere length, and

- parent-offspring color signaling in barn swallows. *Behavioral Ecology*, 28: 204-211, doi: 10.1093/beheco/arw147. NC: 0, IF: 3.142
11. Cerutti F, Gamba R, Mazzagatti A, Piras FM, Cappelletti E, Belloni E, **Nergadze SG**, Raimondi E, Giulotto E. (2016) The major horse satellite DNA family is associated with centromere competence. *Mol Cytogenet.* 9:35. doi: 10.1186/s13039-016-0242-z. NC: 0, IF: 1.71
 12. Parolini M, Romano A, Khoriantuli L, **Nergadze SG**, Caprioli M, Rubolini D, Santagostino M, Saino N and Giulotto E. (2015) Early-life telomere dynamics differ between the sexes and predict growth in the barn swallow (*Hirundo rustica*). *PLoS One* 10(11):e0142530. doi: 10.1371/journal.pone.0142530. eCollection 2015 NC: 0, IF: 3.32
 13. Santagostino M†, Khoriantuli L†, Gamba R†, Bonuglia M, Klipstein O, Piras FM, Vella F, Russo A, Badiale C, Mazzagatti A, Raimondi E, **Nergadze SG***, Giulotto E*. (2015) Genome-wide evolutionary and functional analysis of the Equine Repetitive Element 1: an insertion in the myostatin promoter affects gene expression. *BMC Genet.* 16:126. doi: 10.1186/s12863-015-0281-1. NC: 0, IF: 2.48 (†, Equal contributors; *, corresponding authors)
 14. Purgato S, Belloni E, Piras FM, Zoli M, Badiale C, Cerutti F, Mazzagatti A, Perini G, Della Valle G, **Nergadze SG**, Sullivan KF, Raimondi E, Rocchi M, Giulotto E. (2015) Centromere Sliding on a Mammalian Chromosome. *Chromosoma* 124(2):277-287. doi: 10.1007/s00412-014-0493-6. Epub 2014 Nov 21, PMID: 25432774 Codice ISI: **000355146500012**, Codice SCOPUS: **2-s2.0-84929956603** NC: 8, IF: 3.87
 15. Purgato S, Belloni E, Piras FM, Zoli M, Badiale C, Cerutti F, Mazzagatti A, Perini G, Della Valle G, **Nergadze SG**, Sullivan KF, Raimondi E, Rocchi M, Giulotto E. Erratum to: Centromere sliding on a mammalian chromosome. *Chromosoma*. 2015; 124(2): 289. Published online 2014 Nov 30. doi: 10.1007/s00412-014-0498-1 NC: 0, IF: 3.87
 16. Nergadze S, Belloni E, Piras F, Khoriantuli L, Mazzagatti A, Vella F, Mirella B, Vitelli V, Giulotto E, Raimondi E. (2014) Discovery and comparative analysis of a novel satellite, EC137, in horses and other equids. *Cytogenet Genome Res* 144(2):114-123. Published online: 21 Oct. 2014, <http://www.karger.com/DOI/10.1159/000368138>; DOI: 10.1159/000368138, PMID: 25342230, Codice ISI: **000346119000005**, Codice SCOPUS: **2-s2.0-84908191147** NC: 1, IF: 1.73
 17. Vitelli V, Falvo P, Khoriantuli L, Smirnova A, Gamba R, Santagostino M, **Nergadze SG**, Giulotto E (2013) More on the lack of correlation between TERRA expression and telomere length. *Front. Oncol.* 3:245, Published online: 18 Sept. 2013. DOI: 10.3389/fonc.2013.00245, PMID: 24066279, Codice ISI: **Not yet**, Codice SCOPUS: **2-s2.0-84891135999** (*Front Oncol.* is published from 2011). NC: 13, IF: 2.77
 18. Smirnova A, Gamba R, Khoriantuli L, Vitelli V, **Nergadze SG***, Giulotto E*. (2013) TERRA Expression Levels Do Not Correlate with Telomere Length and Radiation Sensitivity in Human Cancer Cell Lines. *Front. Oncol.* 3:115. Published online: 18 Sept. 2013. DOI: 10.3389/fonc.2013.00115, PMID: 23717814. ISSN: 2234-943X. (*, corresponding authors) Codice ISI: **Not yet**, Codice SCOPUS: **2-s2.0-84891074830** (*Front Oncol.* is published from 2011). NC: 7, IF: 2.77
 19. Vidale P, Magnani E, **Nergadze SG**, Santagostino M, Cristofari G, Smirnova A, Chiara Mondello M, Giulotto E. (2012) The catalytic and the RNA subunits of human telomerase are required to immortalize equid primary fibroblasts. *Chromosoma* 121:475–488. Published online:14 July, 2012, DOI: 10.1007/s00412-012-0379-4, PMID: 22797876, Codice ISI: **000308819600004** Codice SCOPUS: **2-s2.0-84867658125**, NC: 2, IF: 3.55
 20. Achilli A, Olivieri A, Soares P, Lancioni H, Hooshiar Kashani B, Perego UA, **Nergadze SG**, Carossa V, Santagostino M, Capomaccio S, Felicetti M, Al-Achkar W, Penedo MCT, Verini-Supplizi A, Houshmand M, Woodward SR, Semino O, Silvestrelli M, Giulotto E,

- Pereira L, Bandelt H-J, Torroni A. (2012) Mitochondrial Genomes from Modern Horses Reveal the Major Haplogroups that Underwent Domestication. *Proc Natl Acad Sci U S A*. 109:2449-2454. DOI: 10.1073/pnas.1111637109, PMID: 22308342, Codice ISI: **000300489200060** Codice SCOPUS: **2-s2.0-84857124895**, NC: 62, IF: 9.49
21. Vidale P, Piras FM, **Nergadze SG**, Bertoni L, Verini-Supplizi A, Adelson D, Guérin G, Giulotto E. (2011) Chromosomal assignment of six genes (EIF4G3, HSP90, RBBP6, IL8, TERT, and TERC) in four species of the genus *Equus*. *Anim Biotechnol*. 22(3):119-123. DOI: 10.1080/10495398.2011.575300, PMID: 21774619, Codice ISI: **000295400700001** Codice SCOPUS: **2-s2.0-79960755479**, NC: 1, IF: 0.88
 22. Raimondi E, Piras FM, **Nergadze SG**, Di Meo GP, Ruiz-Herrera A, Ponsà M, Ianuzzi L, Giulotto E. (2011) Polymorphic organization of constitutive heterochromatin in *Equus asinus* (2n = 62) chromosome 1. *Hereditas* 148(3):110-113. DOI: 10.1111/j.1601-5223.2011.02218.x, PMID: 21756256, Codice ISI: **000292743000005** Codice SCOPUS: **2-s2.0-79960363443**, NC: , IF: 1.06
 23. Ruiz-Herrera A, Smirnova A, Khorauli L, **Nergadze SG**, Chiara Mondello C, Giulotto E. (2011) Gene amplification in human cells knocked down for RAD54. *Genome Integrity* 2:5. DOI: 10.1186/2041-9414-2-5, PMID: 21418575, Codice ISI: Codice SCOPUS: **2-s2.0-84861800897** NC: 5, IF: 0.62 (2011; 2015 IF: 3.35)
 24. **Nergadze SG**, Lupotto M, Pellanda P, Santagostino M, Vitelli V, Giulotto E. (2010) Mitochondrial DNA insertions in the nuclear horse genome. *Animal Genetics* (Invited submission, special issue of *Animal Genetics*) 41 Suppl 2:176-85. DOI: 10.1111/j.1365-2052.2010.02130.x, PMID: 21070293, ISSN: 0268-9146, Codice ISI: **000284117700026** Codice SCOPUS: **2-s2.0-78449284241**, NC: 17, IF: 2.00 (for year 2010)
 25. Piras FM*, **Nergadze SG***, Magnani E, Bertoni L, Attolini C, Khorauli L, Raimondi E, Giulotto E. (2010) Uncoupling of Satellite DNA and Centromeric Function in the Genus *Equus*. *PLoS Genet* 6: e1000845. (*, These authors contributed equally to this work). DOI: 10.1371/journal.pgen.1000845, PMID: 20169180, ISSN: 1553-7390, Codice ISI: **000275262700025** Codice SCOPUS: **2-s2.0-77649206825** , NC: 33, IF: 7.53 (by year 2011)
 26. **Nergadze SG**, Farnung BO, Wischnewski H, Khorauli L, Vitelli V, Chawla R, Giulotto E, Azzalin CM. (2009) CpG-island promoters drive transcription of human telomeric repeat-containing RNA. *RNA* 15: 2186-2194. DOI: 10.1261/rna.1748309, PMID: 19850908, ISSN: 1355-8382, Codice ISI: **000272169000010** Codice SCOPUS: **2-s2.0-73249117060**, NC: 86, IF: 5.34 (by year 2011)
 27. Wade CM, Giulotto E, Sigurdsson S, Zoli M, Gnerre S, Imsland F, Lear TL, Adelson DL, Bailey E, Bellone RR, Blöcker H, Distl O, Edgar RC, Garber M, Leeb T, Mauceli E, MacLeod JN, Penedo MCT, Raison JM, Sharpe T, Vogel J, Andersson L, Antczak DF, Biagi T, Binns MM, Chowdhary BP, Coleman SJ, Della Valle G, Fryc S, Guérin G, Hasegawa T, Hill EW, Jurka J, Kiialainen A, Lindgren G, Liu J, Magnani E, Mickelson JR, Murray J, **Nergadze SG**, Onofrio R, Pedroni S, Piras MF, Raudsepp T, Rocchi M, Røed KH, Ryder OA, Searle S, Skow L, Swinburne JE, Syvänen AC, Tozaki T, Valberg SJ, Vaudin M, White JR, Zody MC, Broad Institute Genome Sequencing Platform, Broad Institute Whole Genome Assembly Team, Lander ES, and Lindblad-Toh K. (2009) Genome sequence, comparative analysis and population genetics of the domestic horse (*Equus caballus*). *Science* 326: 865-867. doi: 10.1126/science.1178158, PMID: 19892987, ISSN: 0036-8075, Codice ISI: **000271468000047** Codice SCOPUS: **2-s2.0-70449379045**, NC: 330, IF: 11.97 (by year 2011)
 28. Piras M, **Nergadze SG**, Poletto V, Cerutti F, Ryder OA, Leeb T, Raimondi E, Giulotto E. (2009) Phylogeny of horse chromosome 5 in the genus *Equus* and centromere repositioning. *Cytogenet Genome Res* 126: 165-172. DOI: 10.1159/000245916, PMID: 20016166,

- ISSN:1424-8581, Codice ISI: **000272605100016** Codice SCOPUS: **2-s2.0-73349139245**,
 NC: 13, IF: 1.85 (by year 2011)
29. Rebuzzini P, Castiglia R, **Nergadze SG**, Mitsainas G, Munclinger P, Zuccotti M, Capanna E, Redi CA, Garagna S. (2009) Quantitative variation of LINE-1 sequences in five species and three subspecies of the subgenus *Mus* and in five Robertsonian races of *Mus musculus domesticus*. *Chromosome Res* 17: 65-76. DOI: [10.1007/s10577-008-9004-z](https://doi.org/10.1007/s10577-008-9004-z), PMID: 19184476, ISSN: 0967-3849, Codice ISI: **000264175000006** Codice SCOPUS: **2-s2.0-62549099012**, NC: 7, IF: 3.13 (by year 2011)
 30. Salzano A, Kochiashvili N, **Nergadze SG**, Khorauli L, Smirnova A, Ruiz-Herrera A, Mondello C, Giulotto E. (2009). Enhanced gene amplification in human cells knocked down for DNA-PKcs. *DNA Repair* 8: 19-28. DOI: [10.1016/j.dnarep.2008.08.015](https://doi.org/10.1016/j.dnarep.2008.08.015). PMID: 18832050; Epub 2008 Oct 21. ISSN: 1568-7864, Codice ISI: **000262057500004** Codice SCOPUS: **2-s2.0-56549095215**, NC: 6, IF: 3.41 (by year 2011)
 31. Ruiz-Herrera A, **Nergadze SG**, Santagostino M, Giulotto E. (2008) Telomeric repeats far from the ends: mechanisms of origin and role in evolution. *Cytogenet Genome Res* 122: 219-228. DOI: [10.1159/000167807](https://doi.org/10.1159/000167807). PMID: 19188690; ISSN: 1424-8581, Codice ISI: **000263130300005** Codice SCOPUS: **2-s2.0-59649117092**, NC: 88, IF: 1.85 (by year 2011)
 32. **Nergadze SG**, Santagostino M, Salzano A, Mondello C, Giulotto E. (2007) Contribution of telomerase RNA retrotranscription to DNA double-strand break repair during mammalian genome evolution. *Genome Biol* 8: R260. DOI: [10.1186/gb-2007-8-12-r260](https://doi.org/10.1186/gb-2007-8-12-r260). PMID: 18067655 ; ISSN:1474-760X, Codice ISI: **000253451800008** Codice SCOPUS: **2-s2.0-40449109731**, NC: 44, IF: 6.69 (by year 2011)
 33. Carbone L, **Nergadze SG**, Magnani E, Misceo D., Cardone MF, Roberto R, Bertoni L, Attolini C, Piras MF, de Jong P, Raudsepp T, Chowdhary BP, Guérin G, Archidiacono N, Rocchi M, Giulotto E. (2006) Evolutionary movement of centromeres in horse, donkey, and zebra. *Genomics* 87: 777-782. DOI: [10.1016/j.ygeno.2005.11.012](https://doi.org/10.1016/j.ygeno.2005.11.012). PMID: 16413164; ISSN: 0888-7543, Codice ISI: **000238168400010** Codice SCOPUS: **2-s2.0-33646839266**, NC: 56, IF: 3.33 (by year 2011)
 34. **Nergadze SG**, Magnani E, Attolini C, Bertoni L, Adelson DL, Cappelli K, Verini Supplizi A, Giulotto E. (2006) Assignment of the *Equus caballus* interleukin 8 gene (IL8) to chromosome 3q14.2→q14.3 by in situ hybridization. *Cytogenet Genome Res* 112: 341B. DOI: [10.1159/000089892](https://doi.org/10.1159/000089892). PMID: 16484794; ISSN: 1424-8581, Codice ISI: **000235309300027** Codice SCOPUS: **2-s2.0-32944469822**, NC: 4, IF: 1.85 (by year 2011)
 35. **Nergadze SG**, Rocchi M, Azzalin CM, Mondello C, Giulotto E. (2004) Insertion of Telomeric Repeats at Intrachromosomal Break Sites During Primate Evolution. *Genome Res* 14: 1704-1710. DOI: [10.1101/gr.2778904](https://doi.org/10.1101/gr.2778904). PMID: 15310657; ISSN: 1088-9051, Codice ISI: **000223675900004** Codice SCOPUS: **2-s2.0-4644329310**, NC: 56, IF: 13.83 (by year 2011)
 36. Azzalin CM, **Nergadze SG**, Giulotto E. (2001) Human intrachromosomal telomeric-like repeats: sequence organization and mechanisms of origin. *Chromosoma* 110:75-82. DOI: [10.1007/s004120100135](https://doi.org/10.1007/s004120100135). PMID: 11453557; ISSN: 0009-5915, Codice ISI: **000169207900002** Codice SCOPUS: **2-s2.0-0034994404**, NC: 114, IF: 3.69 (by year 2011)
 37. Barenfeld LS, **Nergadze SG**, Mikhelson VM. (2001) [Decreased frequency of activation of replicon clusters in Down syndrome lymphocytes]. *Tsitologiia* 43:692-697. PMID: 11552652; ISSN: 0041-3771, Codice SCOPUS: **2-s2.0-0035236544**, NC: , IF:
 38. Barenfeld LS, **Nergadze SG**, Pleskach N, Procofjeva V, Mikhelson VM. (1998) Decreased number of simultaneously operating adjacent clusters of replicons in some human strains

- with and without X-irradiation. *Mutat Res* 408:219-226. PMID: 9806420; ISSN: 0027-5107, Codice ISI: **000076033900006** Codice SCOPUS: **2-s2.0-0031665878**, NC: , IF: 4.44
39. Bertoni L, Zoli W, Mucciolo E, Ricotti L, **Nergadze SG**, Amadori D, Giulotto E. (1998) Different genome organization in two new cell lines established from human gastric carcinoma. *Cancer Genet Cytogenet* 105: 152-159. PMID: 9723033; ISSN:0165-4608, Codice ISI: **000075452600011** Codice SCOPUS: **2-s2.0-0032171292**, NC: 13, IF: 0.872
 40. Barenfel'd LS, **Nergadze SG**, Pleskach N, Mikhel'son VM. (1997) [The mechanism of radioresistant DNA synthesis in ataxia-telangiectasia]. *Tsitologiya* 39:20-24. PMID: 9173623; ISSN: 0041-3771, Codice SCOPUS: **2-s2.0-0030633346** NC: , IF:
 41. Barenfeld LS, **Nergadze SG**, Pleskach N, Mikhel'son VM. (1995) Slower synthesis of individual replicons and adjacent replicon clusters in a radiosensitive xeroderma pigmentosum strain with and without X-irradiation. *Int J Radiat Biol* 68:169-76. PMID: 7658142; ISSN:0955-3002, Codice ISI: **A1995RT77900007** Codice SCOPUS: **2-s2.0-0029145289**, NC: , IF: 1.837
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 43. Barenfel'd LS, **Nergadze SG**, Pleskach N, Mikhel'son VM. (1994) [The relation of the characteristics of DNA replication to cell sensitivity to ionizing radiation in xeroderma pigmentosum in form II (XP2CP)]. *Tsitologiya*, 36: 680-686. PMID: 7900208; ISSN: 0041-3771, Codice SCOPUS: **2-s2.0-0028713198** NC: , IF:
 44. **Nergadze SG**, Pleskach N, Mikhel'son VM, Prokof'eva V, Barenfel'd LS. (1993) [DNA replication in intact and X-ray-irradiated cells in the Cockayne syndrome]. *Tsitologiya* 35:24-29. PMID: 8266580; ISSN: 0041-3771, Codice SCOPUS: **2-s2.0-0027712685** NC: , IF:
 45. Barenfel'd LS, **Nergadze SG**, Pleskach N, Mikhel'son VM. (1992) [The interrelation between changes in the structural organization of replicon clusters, a retarded fork displacement rate and the high level of spontaneous SCEs in form II of xeroderma pigmentosum]. *Tsitologiya* 34:88-94. PMID: 1455562; ISSN: 0041-3771 Codice ISI: **A1992JX40100012** Codice SCOPUS: **2-s2.0-0027016472** NC: , IF:
 46. Khachapuridze GG, **Nergadze SG**, Lapiashvili N, Panieva I, Barenfel'd LS, Pleskach N, Imedadze MSh. (1991) [The effect of staphylococcal alpha-toxin on DNA replication in human cells]. *Tsitologiya* 33:82-89. PMID: 1821501; ISSN: 0041-3771, Codice ISI: **A1991HJ69700012** Codice SCOPUS: **2-s2.0-0026308253** NC: , IF:
 47. Barenfel'd LS, **Nergadze SG**, Andreeva LF, Pleskach N. (1989) [The action of ionizing radiation on DNA replication in the cells of a healthy human subject and of a patient with Down's syndrome]. *Tsitologiya* 31:1377-1384. PMID: 2534004; ISSN: 0041-3771 Codice ISI: **A1989CF63500013** Codice SCOPUS: **2-s2.0-0024835234** NC: , IF:
 48. Barenfeld LS, **Nergadze SG**, Pleskach N, Mikhel'son VM, Andreeva LF, Bil'din NV. (1989) [Alteration in DNA replication in irradiated basal cell nevus syndrome fibroblasts and effect of ionizing radiation]. *Tsitologiya* 31:775-784. PMID: 2815337; ISSN: 0041-3771, Codice ISI: **A1989AN69600007** Codice SCOPUS: **2-s2.0-0024357071** NC: IF:
 49. **Nergadze SG**, Khachapuridze GG, Kacharava T, Imedadze MSh, Tsintsadze MA. (1988) [Changes in the cytogenetic indices in the bone marrow cells of white rats undergoing mechanical trauma of various degrees of severity]. *Tsitologiya* 30:495-498. PMID: 3413834; ISSN: 0041-3771, Codice ISI: **A1988N309000019** Codice SCOPUS: **2-s2.0-0023987694** NC: , IF:

Contributo in volume

Beldishevski M, **Nergadze SG**, Khachapuridze GG, Brelidze ZL. (1992) Image processing automation of fibre autoradiograms. In: "MEDINFO 92", K.G.LuN, P.Degoulet, T. Piemme, O. reinhoff (eds), Amsterdam, North-Holland, p. 818-820.

Meeting abstracts

1. Piras FM, Cappelletti E, Corbo M, Faravelli S, Raimondi E, **Nergadze SG**, Giulotto E. (2019) Neocentromere formation and karyotype evolution in equids. ISAG 2019 37th International Society for Animal Genetics Conference, Lleid, Spain, 7-12 July 2019.
2. Giulotto E, Corbo M, Piras FM, Cappelletti E, Ryder O, Raimondi E, **Nergadze SG**. (2019) Molecular and Cytogenetic Analysis of Centromere Repositioning in the Genus Equus. Plant and Animal Genome XXVII Conference, San Diego, California, 12-16 January 2019.
3. Cappelletti E, Solovei I, Piras FM, Corbo M, **Nergadze SG**, Giulotto E. Satellite DNA is responsible for centromere clustering in mammals. XV Congress of the Italian Federation of Life Sciences – Rome, Italy, 18-21 September 2018.
4. Cappelletti E, Corbo M, Piras FM, Rausa A, Di Mauro RM, Bailey E, **Nergadze SG**, Giulotto E. (2018) Functional annotations of horse centromeres. 12th Dorothy Russell Havemeyer International Horse Genome Workshop – Pavia, Italy, 12-15 September 2018.
5. Corbo M, Piras FM, Cappelletti E, Faravelli S, Colantuoni M, Bailey E, Raimondi E, **Nergadze SG**, Giulotto E. (2018) Birth, evolution and transmission of equid centromeres. 12th Dorothy Russell Havemeyer International Horse Genome Workshop – Pavia, Italy, 12-15 September 2018.
6. Del Giudice S (1), Cappelletti E (2), Khoriantuli L, Piras FM, **Nergadze SG**, Giulotto E. (2018) 1) Investigating the function of telomeric-repeat containing RNA. 2) Satellite DNA is responsible for centromere clustering in mammals. 2nd Joint Annual Symposium of the Departments of Biology Biotechnology, Molecular Medicine and CNR-Institute of Molecular Genetics – Pavia, Italy, 20-22 June 2018.
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