INFORMAZIONI PERSONALI

Giuseppe Testa, MD, PhD, MA

giuseppe testa@unimi.it

http://www.testalab.eu
http://www.unimi.it/chiedove/schedaPersonaXML.jsp?matricola=17920
https://www.research.ieo.it/research-and-technology/principal-investigators/high-definition-disease-modelling-lab-stem-cell-and-organoid-epigenetics/
https://www.humantechnopole.it/web/giuseppe.testa

ORCID ID: 0000-0002-9104-0918

Twitter @gtesta72

Sesso M | Data di Nascita 19/01/1972 | Nazionalità Italiana

ESPERIENZA PROFESSIONALE

Ottobre 2019 - presente
Direttore del Centro di Neurogenomica
Human Technopole, Milano, Italia

2018 – presente
Professore Ordinario di Biologia Molecolare
Università degli Studi di Milano

Ottobre 2014 - 2018
Professore Associato di Biologia Molecolare
Università degli Studi di Milano

Gennaio 2006 - presente
Direttore del Laboratorio di Epigenetica delle Cellule Staminali
Istituto Europeo di Oncologia

Dipartimento di Oncologia Sperimentale, via Adamello 16, 20139 Milano, Italia

Aprile 2002 - Luglio 2005
Postdoctoral Fellow
University of Dresden e Max Planck Institute of Molecular Cell Biology and Genetics, Germania

ISTRUZIONE E FORMAZIONE

Giugno 2004 - Giugno 2006
Master in Health Care Ethics and Law
The University of Manchester, Manchester, UK

Settembre 1997 - Aprile 2002
Dottorato di Ricerca (PhD)
European Molecular Biology Laboratory (EMBL), Heidelberg, Germania

Settembre 1990 - Luglio 1996
Laurea in Medicina e Chirurgia
Università degli Studi di Perugia, Perugia, Italia

COMPETENZE PERSONALI

Lingua Madre: Italiano

Altre Lingue

	COMPENSIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	C2	C2	C2	C2	C2
	Certificate of Proficiency in English of the University of Cambridge - grade "A"				
Tedesco	C2	C2	C2	C2	C2
	Zertifikat Deutsch als Fremdesprache (ZDaF) - grade "gut"				
Francese	A1	A1	A1	A1	A1
	-				

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
Quadro Comune Europeo di Riferimento delle Lingue

Competenze comunicative

Eccellenti capacità comunicative e di divulgazione.
Partecipazione su invito a numerose conferenze internazionali di prestigio.
Frequenti interviste per stampa nazionale e internazionale.
Protagonista di importanti iniziative di divulgazione scientifica per il pubblico tra cui:

- TEDxRoma 2016 Game Changers: Disease avatars : Chasing precision medicine through cell reprogramming (https://www.youtube.com/watch?v=ZBml_XtjCZU)
- 50 anniversario della Fondazione Agnelli - "Il Futuro è" (http://ilfuturoè.it/#/playlist/search/testa?current=4&query=testa)

Competenze organizzative/gestionali

Direttore dal 2006 del Laboratorio di Epigenetica delle Cellule Staminali (attualmente High Definition Disease Modelling Lab: Organoid and Stem Cell Epigenetics) presso l'Istituto Europeo di Oncologia. Dall'ottobre 2019 è Direttore del Centro di Neurogenomica presso la Fondazione Human Technopole di Milano. Il laboratorio opera alla frontiera della modellistica dei tumori e dei disturbi del neurosviluppo, con particolare riferimento ai meccanismi patogenetici operanti a livello della cromatina e della regolazione dell'espressione genica, causati tanto da lesioni genetiche quanto da stimoli ambientali propagati epigeneticamente. Il laboratorio integra la programmazione e la riprogrammazione cellulare per lo sviluppo di modelli avanzati di malattia paziente-specifici (specialmente organoidi di crescente complessita'), con la ricostruzione computazionale delle reti di regolazione genica indagate attraverso l'analisi multi-scalare di dati genomici, trascrittomici, epigenomici e proteomici, e con un crescente focus sulla multi-omica a risoluzione di singola cellula.

Patente di guida

B

ULTERIORI INFORMAZIONI

Pubblicazioni

Articoli peer-reviewed

1. D. Vila Verde, T. Zimmer, A. Cattalini, M. F. Pereira, E. van Vliet, **G.Testa**, V. Gnatkovsky, E. Aronica, M. de Curtis Seizure activity and brain damage in a model of focal non‐convulsive status epilepticus *Neuropathol Appl Neurobiol* 2021 Jan 9. DOI: 10.1111/nan.12693.
2. S. Campinoti, A. Gjinovci, R. Ragazzini, L. Zanieri, L. Ariza-McNaughton, M. Catucci, S. Boeing, J. Park, JC. Hutchinson, M. Muñoz-Ruiz, PG. Manti, G. Vozza, CE. Villa, DE. Phylactopoulos, C. Maurer, **G. Testa**, HJ. Stauss, SA. Teichmann, NJ. Sebire, AC. Hayday, D. Bonnet & P. Bonfanti Reconstitution of a functional human thymus by postnatal stromal progenitor cells and natural whole-organ scaffolds *Nature Communications* 2020 Dec 11;11(1):6372. DOI: 10.1038/s41467-020-20082-7.
3. N. Caporale, **G. Testa** COVID-19 lessons from the dish: Dissecting CNS manifestations through brain organoids *EMBO Journal*, 2020 Nov 11;e107213. DOI: 10.15252/embj.2020107213
4. F. Cavallo, F. Troglio, G. Fagà, D. Fancelli, R. Shyti, S. Trattaro, M. Zanella, G. D'Agostino, JM. Hughes, MR. Cera, M. Pasi, M. Gabriele, M. Lazzarin, M. Mihailovich, F. Kooy, A. Rosa,

C. Mercurio, M. Varasi, and **G. Testa** High-throughput screening identifies histone deacetylase inhibitors that modulate GTF2I expression in q11.23 microduplication autism spectrum disorder patient-derived cortical neurons *Molecular Autism* 2020 Nov 19;11(1):88. DOI: 10.1186/s13229-020-00387-6.

5. P. Lo Riso, CE. Villa, G. Gasparoni, A. Vingiani, R. Luongo, A. Manfredi, A. Jungmann, A. Bertolotti, F. Borgo, A. Garbi, M. Lupia, P. Laise, D. Das, G. Pruneri, G. Viale, N. Colombo, T. Manzo, L. Nezi, U. Cavallaro, D. Cacchiarelli, J. Walter, **G. Testa**. A cell-of-origin epigenetic tracer reveals clinically distinct subtypes of high-grade serous ovarian cancer *Genome Med* 2020 Oct 30;12(1):94. DOI: 10.1186/s13073-020-00786-7.
6. Y. Huang, H. Zhang, L. Wang, C. Tang, X. Qin, X. Wu, M. Pan, Y. Tang, Z. Yang, IA. Babarinde, R. Lin, G. Ji, Y. Lai, X. Xu, J. Su, X. Wen, T. Satoh, T. Ahmed, V. Malik, C. Ward, G. Volpe, L. Guo, J. Chen, L. Sun, Y. Li, X. Huang, X. Bao, F. Gao, B. Liu, H. Zheng, R. Jauch, L. Lai, G. Pan, J. Chen, **G. Testa**, S. Akira, J. Hu, D. Pei, AP. Hutchins, MA. Esteban, B. Qin JMJD3 acts in tandem with KLF4 to facilitate reprogramming to pluripotency *Nature Communications* 2020 Oct 8;11(1):5061. DOI: 10.1038/s41467-020-18900-z.
7. C. Cheroni, N. Caporale, **G. Testa** Autism spectrum disorder at the crossroad between genes and environment: contributions, convergences, *and interactions in ASD developmental pathophysiology* Molecular Autism 2020 Sep 10;11(1):69. DOI:10.1186/s13229-020-00370-1.
8. N. Rajewsky, G. Almouzni, SA. Gorski, S. Aerts, I. Amit, MG. Bertero, C Bock, AL. Bredenoord, G. Cavalli, S. Chiocca, H. Clevers, B. De Strooper, A. Eggert,J. Ellenberg, XM. Fernández, M. Figlerowicz, SM Gasser, N. Hubner, J. Kjems, JA. Knoblich, G. Krabbe, P. Lichter, S. Linnarsson, JC. Marine, J. Marioni, MA. Marti-Renom, MG. Netea , D. Nickel, M. Nollmann, HR Novak, H. Parkinson, S. Piccolo, I. Pinheiro, A. Pombo, C. Popp, W. Reik, S. Roman-Roman,JL. Rosenstiel, JL. Schultze, O. Stegle, A Tanay , **G. Testa**, D Thanos, FJ Theis, ME Torres-Padilla, A. Valencia, C Vallot, A. van Oudenaarden, M. Vidal, T Voet; LifeTime Community LifeTime and improving European healthcare through cell-based interceptive medicine *Nature* 2020 Sep 7. DOI: 10.1038/s41586-020-2715-9.
9. ME. Torres-Padilla, AL. Bredenoord, KR. Jongsma, A. Lunkes, L. Marelli, I. Pinheiro, **G. Testa**. Thinking "ethical" when designing an international, cross-disciplinary biomedical research consortium *EMBO Journal* 2020 Oct 1;39(19):e105725. DOI: 10.15252/embj.2020105725.
10. G. Barbagiovanni, M. Gabriele and **G. Testa** KMT2B and Neuronal Transdifferentiation: Bridging Basic Chromatin Mechanisms to Disease Actionability *Neurosciences Insights* 2020 Jun DOI: 10.1177/2633105520928068
11. A. López-Tobón, S. Trattaro and **G. Testa** The sociability spectrum: evidence from reciprocal genetic copy number variations *Molecular Autism* 2020 Jun 16;11(1):50. DOI: 10.1186/s13229-020-00347-0
12. D. Lupu, P. Andersson, C.G. Bornehag, B. Demeneix, E. Fritsche, C. Gennings, W. Lichtensteiger, M. Leist, P.E.G. Leonards, A.L. Ponsonby, M. Scholze, **G. Testa**, J.A.F. Tresguerres, R.H.S. Westerink, B. Zalc, J. Rüegg The ENDpoiNTs Project: Novel Testing Strategies for Endocrine Disruptors Linked to Developmental Neurotoxicity International *Journal of Molecular Sciences* DOI: 10.3390/ijms21113978.
13. D. Drakulic, S. Djurovic, Y.A. Syed, S. Trattaro, N. Caporale, A. Falk, R. Ofir, V.M. Heine, S.J.R.A. Chawner, A. Rodriguez-Moreno, M.B.M. van den Bree, **G. Testa**, S. Petrakis, A.J. Harwood Copy number variants (CNVs): a powerful tool for iPSC-based modelling of ASD *Molecular Autism* 2020 Jun 1;11(1):42. DOI: 10.1186/s13229-020-00343-4.
14. M. Pinelli, G. Terrone, F. Troglio, G.M. Squeo, G. Cappuccio, F. Imperati, P. Pignataro, R. Genesio, L. Nitch, E. Del Giudice, G. Merla, **G. Testa**, N. Brunetti-Pierri A small 7q11.23 microduplication involving GTF2I in a family with intellectual disability *Clinical Genetics* 2020 Jun;97(6):940-942. DOI: 10.1111/cge.13753
15. S. Choufani, W.T. Gibson, A.L. Turinsky, B.H.Y. Chung, T. Wang, K. Garg, A. Vitriolo, A.S.A. Cohen, S. Cyrus, S. Goodman, E. Chater-Diehl, J. Brzezinski, M. Brudno, L.H. Ming, S.M. White, S.A. Lynch, C. Clericuzio, I.K. Temple, F. Flinter, V. McConnell, T. Cushing, L.M. Bird, M. Splitt, B. Kerr, S.W. Scherer, J. Machado, E. Imagawa, N. Okamoto, N. Matsumoto, **G Testa**, M. Iascone, R. Tenconi, O. Caluseriu, R. Mendoza-Londono, D. Chitayat, C. Cytrynbaum, K. Tatton-Brown, R. Weksberg DNA Methylation Signature for EZH2 Functionally Classifies Sequence Variants in Three PRC2 Complex Genes *American Journal of Human Genetics* 2020 May 7;106(5):596-610. DOI: 10.1016/j.ajhg.2020.03.008.
16. N.E. Chorev and **G. Testa** Acting on uncertainty: real-life mixtures of endocrine disrupting chemicals *BioSocieties* (2020). https://DOIorg/10.1057/s41292-020-00192-7
17. E. Drakvik, R. Altenburger, Y. Aoki, T. Backhaus, T. Bahadori, R. Barouki, W. Brack, M.T.D. Cronin, B. Demeneix, S. Hougaard Bennekou, J. van Klaveren, C. Kneuer, M. Kolossa-Gehring, L. Lebret E, Posthuma, L. Reiber, C. Rider, J. Rüegg, **G. Testa**, B. van der Burg, H. van der Voet, A.M. Warhurst, B. van de Water, K. Yamazaki, M. Öberg, Å. Bergman Statement on advancing the assessment of chemical mixtures and their risks for human health and the environment. *Environment International* 2020 Jan;134:105267 DOI:

10.1016/j.envint.2019.105267

18. M. Zanella, A. Vitriolo, A. Andirko, P. T. Martins, S. Sturm, T. O'Rourke, M. Laugsch, N. Malerba, A. Skaros, S. Trattaro, P.-L. Germain, M. Mihailovic, G. Merla, A. Rada-Iglesias, C. Boeckx and **G. Testa** Dosage analysis of the 7q11.23 Williams region identifies BAZ1B as a major human gene patterning the modern human face and underlying self-domestication. *Science Advances* 2019 Dec 4;5(12):eaaw7908. DOI:10.1126/sciadv.aaw7908 Spotlight in the April issue of Trends in Genetics by Adam S. Wilkins
19. A. López-Tobón, C. E. Villa, C. Cheroni, S. Trattaro, N. Caporale, P. Conforti, R. Iennaco, M. Lachgar, M. T. Rigoli, B. Marcó de la Cruz, P. Lo Riso, E. Tenderini, F. Troglio, M. de Simone, I. Liste-Noya, G. Macino, M. Pagani, E. Cattaneo and **G. Testa** Human cortical organoids expose a differential function of GSK3 on cortical neurogenesis *Stem Cell Reports* 2019 Oct 1. pii: S2213-6711(19)30334-0. DOI: 10.1016/j.stemcr.2019.09.005
20. A. Vitriolo, M. Gabriele and **G. Testa** From enhanceropathies to the epigenetic manifold underlying human cognition *Human Molecular Genetics* 2019 Aug 14. pii: ddz196. DOI: 10.1093/hmg/ddz196
21. J. Masson, C. Demily, N. Chatron, A. Labalme, P.A. Rollat-Farnier, C. Schluth-Bolard, B. Gilbert-Dussardier, F. Giuliano, R. Touraine, S. Tordjman, A. Verloes, **G. Testa**, D. Sanlaville, P. Edery, G. Lesca and M. Rossi Molecular investigation, using chromosomal microarray and whole exome sequencing, of six patients affected by Williams Beuren syndrome and Autism Spectrum Disorder Orphanet *Journal of Rare Diseases* 2019 May 31;14(1):121. DOI: 10.1186/s13023-019-1094-5.
22. M.J. Nabis Sa, M. Gabriele, **G. Testa**, B.B.A. de Vries Gabriele-de Vries Syndrome *GeneReview* 2019 May 30
23. Y. Liu,Y. Mi, T. Mueller, S. Kreibich, E. G. Williams, A. Van Drogen, C. Borel, M. Frank, P.L. Germain, I. Bludau, M. Mehnert, M. Seifert, M. Emmenlauer, I. Sorg, F. Bezrukov, F. S. Bena, H. Zhou, C. Dehio, **G. Testa**, J. Saez-Rodriguez, S. E. Antonarakis, W.-D. Hardt and R. Aebersold Multi-omic measurements of heterogeneity in HeLa cells across laboratories. *Nat Biotechnol.* 2019 Mar;37(3):314-322. DOI: 10.1038/s41587-019-0037-y.
24. G. Barbagiovanni, P.L. Germain, M. Zech, S. Atashpaz, P. Lo Riso, A. D'Antonio-Chronowska, E. Tenderini, M. Caiazzo, S. Boesch, R. Jech, B. Haslinger, V. Broccoli, A.F. Stewart, J. Winkelmann, **G. Testa** KMT2B Is Selectively Required for Neuronal Transdifferentiation, and Its Loss Exposes Dystonia Candidate Genes *Cell Reports* 2018 Oct 23;25(4):988-1001. DOI: 10.1016/j.celrep.2018.09.067
25. A. López Tobón, M. Suresh, J. Jin, A. Vitriolo, T. Pietralla, K. Tedford, M. Bossenz, K. Mahnken, F. Kiefer, **G. Testa**, K.D. Fischer, A.W. Püschel The guanine nucleotide exchange factor Arhgef7/βPix promotes axon formation upstream of TC10 *Scientific Reports* 2018 Jun 11;8(1):8811. DOI: 10.1038/s41598-018-27081-1
26. L. Marelli, **G. Testa** Scrutinizing the EU General Data Protection Regulation *Science* 2018 May 4;360(6388):496-498. DOI: 10.1126/science.aar5419
27. S. Monterisi, P. Lo Riso, K. Russo, G. Bertalot, M. Vecchi, **G. Testa**, P.P. Di Fiore, F. Bianchi HOXB7 overexpression in lung cancer is a hallmark of acquired stem-like phenotype *Oncogene* 2018 Jun;37(26):3575-3588. DOI: 10.1038/s41388-018-0229-9
28. M. Gabriele, A. Lopez Tobon, G. D'Agostino, **G. Testa** The chromatin basis of neurodevelopmental disorders: Rethinking dysfunction along the molecular and temporal axes *Progress in Neuropsychopharmacology and Biological Psychiatry* 2018 Jun 8;84(Pt B):306-327. DOI: 10.1016/j.pnpbp.2017.12.013
29. Y. Liu, C. Borel, L. Li, T. Müller, E.G. Williams, P.-L. Germain, M. Buljan, T. Sajic, P.J. Boersema, W. Shao, M. Faini, **G. Testa**, A. Beyer, S.E. Antonarakis and R. Aebersold Systematic proteome and proteostasis profiling in human Trisomy 21 fibroblast cells *Nature Communications* 2017 Oct 31;8(1):1212. DOI: 10.1038/s41467-017-01422-6
30. P.L. Germain, **G. Testa** Taming Human Genetic Variability: Transcriptomic Meta-Analysis Guides the Experimental Design and Interpretation of iPSC-Based Disease Modeling. *Stem Cell Reports* 2017 8(6):1784-1796. DOI: 10.1016/j.stemcr.2017.05.012.
31. M. Gabriele, A.T. Vulto-van Silfhout, P.L. Germain, A. Vitriolo, R. Kumar, E. Douglas, E. Haan, K. Kosaki, T. Takenouchi, A. Rauch, K. Steindl, E. Frengen, D. Misceo, C.R.J. Pedurupillay, P. Stromme, J.A. Rosenfeld, Y. Shao, W.J. Craigen, C.P. Schaaf, D. Rodriguez-Buritica, L. Farach, J. Friedman, P. Thulin, S.D. McLean, K.M. Nugent, J. Morton, J. Nicholl, J. Andrieux, A. Stray-Pedersen, P. Chambon, S. Patrier, S.A. Lynch, S. Kjaergaard, P.M. Tørring, C. Brasch-Andersen, A. Ronan, A. van Haeringen, P.J. Anderson, Z. Powis, H.G. Brunner, R. Pfundt, J.H.M. Schuurs-Hoeijmakers, B.W.M. van Bon, S. Lelieveld, C. Gilissen, W.M. Nillesen, L.E.L.M. Vissers, J. Gecz, D.A. Koolen, **G. Testa**, B.B.A. de Vries YY1 Haploinsufficiency Causes an Intellectual Disability Syndrome Featuring Transcriptional and Chromatin Dysfunction *American Journal of Human Genetics* 2017 100(6):907-925. DOI: 10.1016/j.ajhg.2017.05.006.
32. P.L.Germain, L. Chiapperino and **G. Testa** The European politics of animal experimentation: From Victorian Britain to 'Stop Vivisection' *Studies in History and Philosophy of Biological and*

Biomedical Sciences 2017 64:75-87 DOI: http://dx.DOI.org/10.1016/j.shpsc.2017.06.004

33. H. L. Röst, Y. Liu, G. D'Agostino, M. Zanella, P. Navarro,G. Rosenberger, B.C. Collins, L. Gillet, **G. Testa**, L. Malmström and R. Aebersold TRIC: an automated alignment strategy for reproducible protein quantification in targeted proteomics *Nature Methods* 2016 DOI:10.1038/nmeth.3954
34. P.L. Germain, A. Vitriolo, A. Adamo, P. Laise, V. Das and **G. Testa** RNAontheBENCH: Computational and empirical resources for benchmarking RNAseq quantification and differential expression methods *Nucleic Acid Research* 2016 44(11):5054-5067 DOI: 10.1093/nar/gkw448
35. E. Signaroldi, P. Laise, S. Cristofanon, A. Brancaccio, E. Reisoli, S. Atashpaz, M. R. Terreni, C. Doglioni, G. Pruneri, P. Malatesta and **G. Testa** Polycomb dysregulation in gliomagenesis targets a Zfp423-dependent differentiation network *Nature Communications* 2016 DOI: 10.1038/ncomms10753
36. A. Adamo, S. Atashpaz, P.L. Germain, M. Zanella, G. D'Agostino, V. Albertin, J. Chenoweth, L. Micale, C. Fusco, C. Unger, B. Augello, O. Palumbo, B. Hamilton, M. Carella, E. Donti, G. Pruneri, A. Selicorni, E. Biamino, P. Prontera, R. McKay, G. Merla and **G. Testa** 7q11.23 dosage-dependent dysregulation in human pluripotent stem cells affects transcriptional programs in disease-relevant lineages *Nature Genetics* 2015 Feb;47(2):132-41DOI 10.1038/ng.3169 *News and Views* in the same issue by Urban and Purmann
37. D.H. Park, S.J. Hong, R.D. Salinas, S.J. Liu, S.W. Sun, J. Sgualdino, **G. Testa**, M.M. Matzuk, N. Iwamori and D.A. Lim Activation of Neuronal Gene Expression by the JMJD3 Demethylase Is Required for Postnatal and Adult Brain Neurogenesis *Cell Reports* 2014 8(5):1290-9 DOI: http://dx.DOI.org/10.1016/j.celrep.2014.07.060
38. M. Meloni and **G. Testa** Scrutinizing the Epigenetics Revolution *Biosocieties* 2014 DOI: 10.1057/biosoc.2014.22
39. A. Piunti, A. Rossi, A. Cerutti, M. Albert, S. Jammula, A. Scelfo, L. Cedrone, G. Fragola, L. Olsson, H. Koseki, **G. Testa**, S. Casola, K. Helin, F. d'Adda di Fagagna and D. Pasini Polycomb proteins control proliferation and transformation independently of cell cycle checkpoints by regulating DNA replication *Nature Communications* 2014; 5:3649. DOI: 10.1038/ncomms4649.
40. P. Prontera, D. Serino, B. Caldini, L. Scarponi, G. Merla, **G. Testa**, M. Muti, V. Napolioni, G. Mazzotta, M. Piccirilli and E. Donti Brief Report: Functional MRI of a Patient with 7q11.23 Duplication Syndrome and Autism Spectrum Disorder *Journal of Autism and Developmental Disorders* 2014 DOI 10.1007/s10803-014-2117-7
41. C. Palacios, J. Harris and **G. Testa** Multiplex parenting: In Vitro Gametes and the generations to come *Journal of Medical Ethics* 2014 40(11):752-8. DOI: 10.1136/medethics-2013-101810
42. M. Caganova, C. Carrisi, F. Mainoldi, F. Zanardi, P.L. Germain, L. George, F. Alberghini, G. Varano, L. Ferrarini, A.K. Talukder, M. Ponzoni, **G. Testa**, T. Nojima, C. Doglioni, D. Kitamura, K.M. Toellner, I. Su and S. Casola EZH2 contributes to lymphomagenesis via regulation of the germinal center response *Journal of Clinical Investigation* 123(12), 2013:5009-22
43. L. Schneider, S. Pellegatta, R. Favaro, F. Pisati, P. Roncaglia, **G. Testa**, S.K. Nicolis, G. Finocchiaro and F. D'Adda di Fagagna DNA damage in mammalian neural stem cells leads to astrocytic differentiation mediated by BMP2 signaling through JAK-STAT *Stem Cell Reports* 2013 DOI: 10.1016/j.stemcr.2013.06.004
44. G. Fragola, P.L. Germain, P. Laise, A. Cuomo, A. Blasimme, F. Gross, E. Signaroldi, G. Bucci, C. Sommer, G. Pruneri, G. Mazzarol, T. Bonaldi, G. Mostoslavsky, S. Casola and **G. Testa** Cell reprogramming requires silencing of a core subset of Polycomb targets *PLoS Genetics* 9(2), 2013: e1003292
45. A. Blasimme, B. Schmietow and **G. Testa** Reprogramming potentiality: the co-production of stem cell policy and democracy *American Journal of Bioethics* 13(1), 2013: 30-2
46. T. Burgold, N. Voituron, M. Caganova, P.P. Tripathi, C Menuet, B.K. Tusi, F. Spreafico, M. Bévengut, C. Gestreau, S. Buontempo, A. Simeone, L. Kruidenier, G. Natoli, S. Casola, G. Hilaire and **G. Testa** The H3K27 demethylase JMJD3 is required for maintenance of the embryonic respiratory neuronal network, neonatal breathing and survival, *Cell Reports* 2(5), 2012: 1244-58
47. L. Austenaa, I. Barozzi, A. Chronowska, A. Termanini, R. Ostuni, F. Stewart, **G. Testa** and G. Natoli The histone methyltransferase Wbp7 (Mll4) controls macrophage function through GPI anchor synthesis, *Immunity* 36(4), 2012: 572-85
48. M. Curnutte and **G. Testa** Consuming genomes: scientific and social innovation in direct-to-consumer genetic testing (2012) *New Genetics and Society*, 31:2, 159-181
49. S. Campaner, F. Spreafico, T. Burgold, M. Doni, U. Rosato, B. Amati, and **G. Testa** The methyltransferase Set7/9(Setd7) is dispensable for the p53-mediated DNA damage response *Molecular Cell* 43, 2011; 681-688
50. **G. Testa** The time of timing: How Polycomb proteins regulate neurogenesis *Bioessays*, 2011; 33(7):519-28
51. G. Boniolo and **G. Testa** The Identity of Living Beings, Epigenetics, and the Modesty of

Philosophy. *Erkenntnis*, 2011; DOI 10.1007/s10670-011-9308-9
52. C.E. Pasi, A. Dereli-Oz, S. Negrini, M. Friedli, G. Fragola, A. Lombardo, G. Van Houwe, L. Naldini, S. Casola, **G. Testa**, D. Trono, P.G. Pelicci, and T.D. Halazonetis Genomic instability in induced stem cells *Cell Death and Differentiation*, 2011; 18(5):745-53
53. **G. Testa** Stem Cell Teathrics *Nature* 2010, 465: 1012
54. **G. Testa** What to do with the Grail now that we have it? iPSCs, potentiality, and public policy. *Cell Stem Cell,* 2009 5(4):358-9
55. F. De Santa, N. Vipin, Z. H.Yap; B. K.Tusi, T. Burgold, L. Austenaa, G.Bucci, M.Caganova, S. Notarbartolo, S. Casola, **G. Testa**, W. Sung, C. Wei and G. Natoli Jmjd3 contributes to the control of gene expression in LPS activated macrophages *The EMBO Journal*, 2009; 28(21):3341-52
56. G. Natoli, **G. Testa** and F. De Santa The future therapeutic potential of histone demethylases: a critical analysis *Current Opinion in Drug Discovery and Development* 2009; 12(5):607-15
57. L. Skene, **G. Testa**, I. Hyun, K. W. Jung, A. McNab, J. Robertson, C. T. Scott, J. H. Solbakk, P. Taylor, L. Zoloth Ethics Report on Interspecies Somatic Cell Nuclear Transfer Research *Cell Stem Cell*, 2009; 5(1): 27-30
58. T. Burgold, F. Spreafico, F. De Santa, M. Totaro, E. Prosperini, G. Natoli and **G. Testa** The histone H3 lysine 27-specific demethylase Jmjd3 is required for neural commitment PloS One 2008 3(8): e3034 J.A. Adjaye, A.G. Byskov, J.B. Cibelli, R. De Maria, S. Minger, M. Sampaolesi, **G. Testa**, C. Verfaillie, M. Zernicka-Goetz, H. Schöler, M. Boiani, N. Crosetto, C.A. Redi Pluripotency and differentiation in embryos and stem cells *Int J Dev Biol* 2008 52(7):801-9
59. J.A. Adjaye, A.G. Byskov, J.B. Cibelli, R. De Maria, S. Minger, M. Sampaolesi, **G. Testa**, C. Verfaillie, M. Zernicka-Goetz, H. Schöler, M. Boiani, N. Crosetto, C.A. Redi Pluripotency and differentiation in embryos and stem cells *Int J Dev Biol* 2008 52(7):801-9
60. **G. Testa** Stem cells through stem beliefs: the co-production of biotechnological pluralism *Science as Culture* 2008 17(4): 435-448
61. F. De Santa, M. Totaro, E. Prosperini, S. Notarbartolo, **G. Testa**, and G. Natoli The histone H3 lysine-27 demethylase Jmjd3 links inflammation to inhibition of polycomb-mediated gene silencing *Cell* 2007 130(6):1083-94
62. I. Hyun*, P. Taylor*, **G. Testa***, B. Dickens, K. W. Jung, A. McNab, J. Robertson, L. Skene and L. Zoloth Ethical Standards for Human-to-Animal Chimera Experiments in Stem Cell Research *Cell Stem Cell* 2007 1(2):159-163 *equal contribution
63. **G. Testa**, L. Borghese, J. Steinbeck, and O. Brüstle Breakdown of the Potentiality Principle and Its Impact on Global Stem Cell Research *Cell Stem Cell* 2007 1(2):153-156
64. J. Scholten, K. Hartmann, A. Gerbaulet, T. Krieg, W. Müller, **G. Testa**, and A. Roers Mast cell-specific Cre/loxP-mediated recombination in vivo *Transgenic Res.* Epub 2007 Oct 31 (2008 (2):307-15)
65. **G. Testa** Nuclear Transfer: an Example of Responsive Epistemologies Preprint 310 of the Proceedings of the Max Planck Institute for the History of Science 2006 pp. 205-214
66. **G. Testa** and J. Harris Ethics and synthetic gametes *Bioethics*, 2005; 19: 146-166
67. **G. Testa** and J. Harris Ethical aspects of ES cell-derived gametes *Science*, 2004; 305:1719
68. **G. Testa** and J. Harris The ethics of deriving gametes from ES cells, response to A. Lippman and S.A. Newman *Science*, 2005;307: 515c-517c
69. **G. Testa**, J. Schaft, F.v.d. Hoeven, S. Glaser, Y. Zhang, T. Hermann, W. Stremmel and A. F. Stewart A reliable lacZ expression reporter cassette for multipurpose, knock-out-first, alleles *Genesis*, 2004, 38(3):151-8
70. **G. Testa**, K. Vintersten, Y. Zhang, V. Benes, J.P.P. Muyrers and A. F. Stewart BAC Engineering for the generation of ES cell-targeting constructs and mouse transgenes *Methods Mol Biol*. 2004; 256:141-58
71. K. Vintersten, **G. Testa**, A. F. Stewart. Microinjection of BAC DNA into the pronucei of fertilised mouse oocytes *Methods Mol Biol*. 2004; 256: 141-58
72. J.P.P. Muyrers, Y. Zhang, V. Benes, J.M.J. Rientjes, **G. Testa** and A. F. Stewart ET recombination: DNA engineering using homologous recombination in E. coli *Methods Mol Biol.* 2004; 256: 107-22
73. **G. Testa**, Y. Zhang, K. Vintersten, V. Benes, I. Chambers, W. W. M. Pim Pijnappel, A. J.H. Smith, A. A. Smith and A. F. Stewart Engineering the mouse genome with bacterial artificial chromosomes to create multipurpose alleles *Nature Biotechnology*, 2003; 21(4): 443-7
74. T. Schell, **G. Testa**, S. Castagnetti, B. Rutz, M. Hannus and F. Frischknecht Neuroscience from different angles. Student symposium: From genes to thoughts *EMBO Reports* 2001 Jun; 2(6):471-5
75. **G. Testa** and A. F. Stewart Creating a transloxation: engineering interchromosomal translocations in the mouse *EMBO Reports*, 2000 Aug; 1(2):120-1
76. Y. Zhang, J. P. P. Muyrers, **G. Testa** and A. F. Stewart DNA cloning by homologous recombination in Escherichia coli. *Nature Biotechnology* 2000 Dec; 18(12):1314-7

77. J. P. P. Muyrers, Y. Zhang, V. Benes, **G. Testa**, W. Ansorge and A. F. Stewart Point mutation of bacterial artificial chromosomes by ET recombination. *EMBO Reports* 2000 Sep; 1(3):239-43
78. J. P. P. Muyrers, Y. Zhang, **G. Testa** and A. F. Stewart Rapid modification of bacterial artificial chromosomes by ET-recombination *Nucleic Acid Research*, 1999 Mar 15; 27(6): 1555-1557
79. G. Nocentini, S. Ronchetti, A. Bartoli, **G. Testa**, F. D'Adamio, C. Riccardi and G. Migliorati TCRi: an alternatively sliced product of the T cell receptor zeta gene *European Journal of Immunology* 1995 25: 1405-1409

Libri e capitoli di libri

1. M. Gabriele, **G. Testa**, and A. Hansen
2. "Molecular mechanisms of YY1overexpression in human cancers and its prognostic significance" in YY1 in the Control of the Pathogenesis and Drug Resistance of Cancer 1st Edition, Chapter 7, Elsevier, Academic Press, 2020, ISBN: 9780128219096
3. PL. Germain and **G.Testa**
"Post-Genomics Cell Reprogramming and the Obstacle to Biomedicine" In Vital Norms: Canguilhem's The Normal and the Pathological in the Twenty-First Century, edited by Pierre-Olivier Méthot, with the collaboration of Jonathan Sholl, Hermann, Paris, 2020, 528 p. ISBN: 9791037006523
4. A. Lopez-Tobon, N. Caporale, S. Trattaro, **G. Testa**
"Three-dimensional models of human brain development" in Stem Cell Epigenetics, vol. 17, 1st Edition, Chapter 11, Elsevier, Academic Press, 2020, ISBN: 9780128140857
5. E. Meshorer, **G. Testa** (Editors)
Stem Cell Epigenetics, vol. 17, 1st Edition Elsevier, Academic Press, 2020, ISBN: 9780128140857
6. N. Caporale and **G. Testa**
"Epigenetic regulation in organoids for regenerative medicine" in D. Palacios (Ed) "Epigenetics and regeneration", Volume 11, Chapter 16, 1st Edition May 2019, Elsevier ISBN 9780128148792.
7. L. Marelli and **G. Testa**
"Organoid-based biomedicine: Charting the normative contours of an emerging biomedical platform" in D. Palacios (Ed) "Epigenetics and regeneration" Volume 11, Chapter 20, 1st Edition May 2019, Elsevier ISBN 9780128148792.
8. **G. Testa**
"La medicina di precisione tra frontiere scientifiche e sfide di cittadinanza" in "Europa: un'utopia in costruzione", Vol. II, Enciclopedia Italiana Treccani ISBN 978-88-12-00653-3
9. **G. Testa**
"Having a Structuring Effect on Europe: The Innovative Medicines Initiative and the Construction of the European Health Bioeconomy" in V. Pavone and J. Goven (Eds.) "Bioeconomies: Life, Technology, and Capital in the 21st Century", 2017 Palgrave ISBN 9783319556512
10. L. Chiapperino and L. Marelli and **G. Testa**
"The Epigenomic Self in Personalised Medicine: between Responsibility and Empowerment" in M. Meloni, S. Williams, P. Martin (Eds.) "Biosocial Matters: Rethinking Sociology-Biology Relations in the Twenty-First Century", 2016 Wiley-Blackwel ISBN 978-1119236511
11. I. Galasso and **G. Testa**
"Medicina di Precisione: rifare il destino tra sfida e utopia" in M. Monti, S. Garagna, G. Milano and C.A. Redi (Eds.) "Medicina di precisione. Un esercizio di cittadinanza scientifica e democrazia cognitiva", 2015 Pavia Collegio Ghislieri Ibis Edizioni ISBN 978-8871645179
12. **G. Testa**
"Democracies of stemness: stem cell technologies from generation to regeneration" in F. Calegari and C. Waskow (Eds.) "Stem Cells. From Basic Research to Therapy", 2014 CRC Press ISBN 9781482219838
13. **G. Testa** and A. Maturo
"Medicina rigenerativa ed embrioni", in G. Remuzzi and A. Maturo (Eds.) "Ci curano o ci curiamo? Il malato tra crisi economica e responsabilità individuale", 2013 Franco Angeli ISBN 9788820423711
14. **G. Testa**
"Stem cells and the structuring of the Italian Biopolity" in H. R. Rheinberger and R. Mazzolini (Eds.) "Differing routes to stem cell research: Germany and Italy", 2012 Il Mulino and Duncker & Humblot ISBN 9788815238788
15. **G. Testa**
"More Than Just a Nucleus: Cloning and the Alignment of Scientific and Political Rationalities" in Sheila Jasanoff (Ed.) "Reframing Rights: Bioconstitutionalism in the Genetic Age", 2011 MIT

Press, pp. 86-104 ISBN 9780262516273

16. H. Nowotny and **G. Testa**
"Naked Genes. Reinventing the Human in the Molecular Age", 2011 MIT Press (originally appeared as "Die gläsernen Gene. Die Erfindung des Individuums im molekularen Zeitalter, 2009 Suhrkamp Verlag; Italian translation "Geni a nudo. Ripensare l'uomo nel XXI secolo", 2012 Codice Edizioni; ISBN 9788875781835 (Russian translation forthcoming)
Reviewed in Nature, The Financial Times, Die Zeit, Der Spiegel, Il Corriere della Sera, BBC Science
17. **G. Testa**
"Cloning as Mirror" in Cristoph Zollikofer (Ed.) "Klon statt Person", 2011 Hochschulverlag AG an der ETH Zuerich, pp. 45-50 ISBN 978-3728132086
18. **G. Testa**
"Le scienze della vita. Verso nuove antropogenesi?" in Antonio Pavan and Emanuela Magno (Eds.) "Antropogenesi. Ricerche sull'origine e lo sviluppo del fenomeno umano" 2010, Il Mulino ISBN 978-88-151-3742-5
19. G. Boniolo, G. Gatti, G. Pelicci and **G. Testa**
"Cellule staminali. La base scientifica, le future terapie. La riflessione etica al di là dello slogan ideologico. Le risposte della scienza." Quaderno 11 Libertà di sapere libertà di scegliere Fondazione Umberto Veronesi per il progresso delle scienze
20. **G. Testa** and S. Giaimo
"Il concetto di gene" in Giovanni Boniolo e Stefano Giaimo (Eds.) "Filosofia e Scienze della Vita. Un'analisi dei fondamenti della biologia e della biomedicina" 2008 Bruno Mondadori ISBN 978-88-615-9246-9
21. **G. Testa** and A. Minelli
"Vincoli ed epigenesi" in Giovanni Boniolo e Stefano Giaimo (Eds.) "Filosofia e Scienze della Vita. Un' analisi dei fondamenti della biologia e della biomedicina" 2008 Bruno Mondadori ISBN 978-88-615-9246-9
22. **G. Testa**
"Che cos'è un clone? Practiche e significato delle biotecnologie rosse in un mondo globale" in Massimiano Bucchi and Federico Neresini (Eds.) "Cellule e Cittadini" (Cells and citizens), 2006 Sironi Editore ISBN 978-88-518-0065-9

Disseminazione scientifica

- Realizzazione del video LifeTime sugli organoidi come modelli di malattia personalizzati (https://lifetime-initiative.eu/videos/)
- 'Epigenetica. Come il nostro corpo memorizza il mondo (Epigenetics. The memory of the world in our body)' realizzato da Consiglio Nazionale delle Ricerche (CNR) e la Civica Scuola di Cinema di Milano (https://goo.gl/ciWNTc)
  Il documentario ha ricevuto i seguenti premi a festival internazionali del cinama:
  - "Best student documentary" - RAW Science Film Festival Award 2017 - Los Angeles
  - Premio Filmagogia "Cinema e Formazione" Venezia 2017 - 74ma Mostra Internazionale del Cinema di Venezia
- TEDxRoma 2016 Game Changers: "Disease avatars : Chasing precision medicine through cell reprogramming" (https://www.youtube.com/watch?v=ZBml_XtjCZU)
- 50° Anniversario Fondazione Agnelli, "Il futuro è" (The future is) (http://ilfuturoè.it/#/playlist/search/testa?current=4&query=testa)

Riconoscimenti e premi

2003: Premio Roche "Leading Bioscientists of the Next Decade"
1997: Premio "Luigi Manara" elargito dall'Università degli Studi di Perugia come studente di Medicina e Chirurgia con il miglior curriculum accademico
1997: Premio "Luigi Casati" elargito dall' "Accademia dei Lincei" per la miglior tesi di Medicina e Chirurgia sostenuta durante l'anno 1996
1995: Premio della Fondazione "Francesco Rebucci" per studenti e giovani laureati per ricerche nell'ambito dell'Oncologia Sperimentale

Brevetti

Reprogramming-based models of neurodevelopmental disorders and uses thereof
PCT/EP2015/077659

Appartenenza a gruppi e associazioni

Appartenenza a società scientifiche:

- American Society of Biochemistry and Molecular Biology (ASBMB)

- Federation of European Neuroscience Societies (FENS) and Italian Society for Neurosciences (SINS)
- Society for Neuroscience (SfN)
- International Society of Stem Cell Research (ISSCR)
- Associazione di Biologia Cellulare e Differenziamento (ABCD)
- Società Italiana di Biofisica e Biologia Molecolare (SIBBM)
- European Society for the study of Human Evolution (ESHE)
- European Society of Human Genetics (ESHG)
- American Society of Human Genetics (ASHG)
- Society for the Study of Evolution (SSE)

Partecipazione a organismi consultivi nazionali e internazionali e a comitati editoriali di riviste scientifiche

- Membro della International Scientific Committee di BRAINCITY: Center of Excellence in Neural Plasticity & Brain Disorders
- Membro eletto del Consiglio dell'Associazione di Biologia Cellulare e Differenziamento (ABCD) per il periodo 2014-2016
- Membro dell'Ethics and Public Policy Committee della International Society for Stem Cell Research (ISSCR) per il periodo 2007-2017
- Membro dell'International Affairs Committee della International Society for Stem Cell Research (ISSCR)
- Membro dell' Ethics Afvisory Board of the Innivative Medicine Initiative (IMI) project European Bank for Induced Pluripotent Stem Cells (EBiSC)
- Membro del Working Group on Ethics of the International Human Epigenome Consortium (IHEC)
- Membro dell' Executive Committee of the Italian National Research Council (CNR) Flagship Project EPIGEN
- Chair dell' Ethics Advisory Board of the EU Network MODHEP 'Systems Biology of Liver Cancer: an Integrative Genomic-Epigenomic Approach'
- Membro eletto del Consiglio della International Society for the History, Philosophy and Social Studies of Biology (ISSHPSB) per il periodo 2011-2015
- Nominato alla Management Committee of the European COST action 'Bio-objects and their Boundaries: Governing Matters at the Intersection of Society, Policy and Science' (http://www.cost.eu/domains_actions/isch/Actions/IS1001)
- Nominato alla Management Committee of the European COST action 'Citizen's Health through public-private Initiatives: Public health, Market and Ethical perspectives (CHIP ME)' (http://www.cost.eu/domains_actions/isch/Actions/IS1303)
- Associate Principal Investigator of the EU Research Network EuroSyStem
- Ethics Advisor of the EU Research Networks ESTools and NeuroStemCell
- Membro dell' Ethics Advisory Board of the Human Genetics Foundation (HUGEF), Turin, Italy
- Membro del Comitato Editoriale di *Journal of Biological Chemistry* 2015-2020
- Membro del Comitato Editoriale di Cell Press journal *Stem Cell Reports*
- Membro del Comitato Editoriale di *Journal of Medical Ethics*

Revisore per agenzie di finanziamento e riviste scientifiche

Istituzioni e agenzie di finanziamento per la ricerca:

- European Commission, European Research Council (ERC)
- the Medical Research Council (MRC)
- the Swiss National Science Foundation
- the French National Research Agency (ANR)
- Worldwide Cancer Research (UK)
- the British Council
- INSERM
- Children with Cancer UK
- Flanders Agency for Innovation by Science and Technology (IWT)
- University of Luxembourg

Riviste:

- Science
- Nature Methods

- Nature Communications
- Nature Immunology
- Development
- Cell Reports
- Stem Cell Reports
- Journal of Biological Chemistry
- Genes and Development
- Neurobiology of Disease
- Trends in Genetics

Conferenze

Organizzazione di conferenze nazionali e internazionali

2022: Giuseppe Testa and Eran Meshorer, "Stem Cell Epigenetics"
European Institute of Oncology, Milan July 4-6

2018: Giuseppe Testa, Ilaria Galasso and Nadav Even Chorev
'Precision Medicine for a Changing Population: workshop on the Italian context'
European Institute of Oncology, Milan, September 18

2016: Joint Conference of the International Society for Stem Cell Research (ISSCR), the European Society for Gene and Cell Therapy (ESGCT), and the Associazione Italiana di Biologia Cellulare e Differenziamento (ABCD) 'Changing the Face of Modern Medicine: Stem Cells & Gene Therapy' - Florence, October 18-21

2015: Giuseppe Testa and Marco Bianchi
EPIGEN-MiChroNetwork Chromatin Seminar 'Changing Landscapes: Histone Turnover in Health and Disease' - Milan, 22 September

2014: Giuseppe Testa, Luca Chiapperino and Maria Damjanovicova
'EPIGENomics and Health Care Policy', a joint conference of the Italian National Research Council (CNR) EPIGEN Flagship Project, along with EU consortia BLUEPRINT, DEEP and EPIGENESYS - European Institute of Oncology, 1-3 December 2014

2011: Giuseppe Testa, Raymond Poot and Helena Mira
'Biology of Neural Systems', a workshop of the EU Research Network EuroSyStem - European Institute of Oncology, Milan 4-6 December

Giuseppe Testa, Sheila Jasanoff and Halldor Stefansson
EMBL Summer School 'The human animal: scientific, social and moral perspectives' - EMBL, Heidelberg 1-6 August

2009: Giuseppe Testa, Stefano Casola and Thomas Graf
'Reprogramming cell fate: basic biology and medical perspectives' - IFOM-IEO-Campus, Milan December 9-11

2008: Giuseppe Testa, Sheila Jasanoff and Halldor Stefansson
EMBL Summer School 'Deconstructing and reconstructing life: from classification to design' - EMBL, Heidelberg August 25-30

2007: Giuseppe Testa and Christina Brandt
'Times of cloning: historical and cultural aspects of a biotechnological research field' - Max Planck Institute for the History of Science, Berlin March 1-4

2004: Giuseppe Testa and Giorgio Vasta
International workshop on Life Sciences and Narratives 'Embryos and plots: public lectures on science and narratives' Holden School of creative writing and narrative studies - Turin March 22-26

2000: Co-organizer of the first International PhD symposium on Neurobiology From Genes to Thoughts' –
EMBL, Heidelberg October 20-21

Presentazioni

Presentazioni selezionate

2020:
- EMBO | EMBL SYMPOSIUM on Organoids "Modelling Organ Development and Disease in 3D Culture", Heidelberg, October 21-24
- International Society for Stem Cell Research (ISSCR) Annual Meeting, Boston, June 24-27

2019:
- 2nd Cold Spring Harbor Laboratory (CSHL) conference on “Development and 3D Modeling of the Human Brain”, Cold Spring Harbor, December 9-12
- Dutch Society for Human Genetics Autumn Meeting, Papendal, October 1-2
- 23rd European Society for Neurochemistry (ESN) Biennial Meeting and 7th Conference on Molecular Mechanisms of Regulation in the Central Nervous System, Milan, September 1-4
- Regional FENS Meeting "Modelling of neuronal disorders through cell reprogramming”, Belgrade, July 10-13
- H2020 FET-Flagship "LifeTime" Opening Conference, Berlin, May 6-7
- 1st Stem Cells and Organoids Meeting, University of Lausanne, Lausanne, April 4

2018:
- Drawing the Line: Analyzing the International Guidelines on Human Embryo Research from Ethical, Legal, Social and Scientific Perspectives, Fondation Brocher, Geneve, December 12-14
- ENABLE Conference - The 2nd European PhD and Postdoc symposium "The Promise of Future Medicine: From Research to Therapy", Copenhagen, November 7-9
- 11th annual Berlin Summer Meeting Grand BIMSB Opening Symposium, Berlin, October 25-27
- Workshop on "Epigenetics in cognition, developmental and evolutionary perspective" of the “Ettore Majorana” foundation and centre for scientific culture”, Erice, September 25-30
- EMBL Monterotondo Invited Seminar "The world within: Operating the epigenetics toolbox across science and society - Rome, September 7
- 43rd Federation of the European Biochemical Societies (FEBS) Congress, Prague, July 7-12
- Opening Plenary Lecture, European Human Genetics Conference, Milan, June 16-19
- Federation of European Neuroscience Societies (FENS)-Society for Neuroscience (SfN) Summer school 2018 "Neural stem cells, brain organoids and brain repair", Bertinoro, June 3-9
- 13th Troina Meeting on Genetics of Neurodevelopmental Disorders, Troina, April 12-14
- Spineto Epigenetics Meeting in Memory of Sir Patrick Bateson, Spineto, March 22-25

2017:
- Cold Spring Harbor Laboratory (CSHL) Meeting on "Development and 3D Modeling of the Human Brain", CSHL, December 6-9
- Dhalem Colloquia Max Planck Institute for Molecular Genetics Berlin June 26
- Italian Society of Biophysics and Molecular Biology (SIBBM) "Frontiers in Biology: From Single Cells to 3D-Cell Culture", Milan 14-16 June

2016:
- Joint Conference of the International Society for Stem Cell Research (ISSCR), the European Society for Gene and Cell Therapy (ESGCT), and the Associazione Italiana di Biologia Cellulare e Differenziamento (ABCD) "Changing the Face of Modern Medicine: Stem Cells & Gene Therapy", Florence, October 18-21

2015:
- Keynote speaker. 11th World Conference on the Future of Science “Precision Medicine: Present Challenges for Future Cures”, Venice, 17-19 September
- National Congress of the Italian Society for Cell Biology and Differentiation (ABCD), Bologna, 17-19 September
- 17th International Workshop Fragile X and Other Early Onset Cognitive Disorders, Strasbourg, 27-30 September

2014:
- EMBO Workshop Epigenetic plasticity: Implications in neural (dys)function Braga, Portugal 22 - 25 October
- EMBO Conference Brain development and disorders La Ciotat, France 5 – 8 September
- Glioma Club 2014 National Hospital for Neurology and Neurosurgery, London 20 October
- Joint Meeting of the British Societies for Cell Biology and Developmental Biology, Warwick

University, 16-19 March
- G. Armenise Harvard Foundation 15th Symposium "Mechanisms to Molecules", 22-25 June

2013:
- Christian-Albrechts-Universität zu Kiel Symposium "Das Ende der Wissenschaft und darüber hinaus" Part II, 8 November
- 3rd Oxford Symposium on Epigenetic Mechanisms in Health and Disease “Neuropsychiatry and Inflammation: Epigenetic Target Discovery Beyond Oncology”, University of Oxford (UK) March 14-15

2012:
- Stem Cell Technologies in Functional Genomics, Lieber Institute for Brain Development, Maltz Research Laboratories, Baltimore (USA) November 26-27
- Roche-Nature Medicine Translational Neuroscience Symposium “Autism Spectrum Disorders: From Biological Understanding to Therapeutic Strategies”, Buonas (Switzerland) April 23-25
- Cold Spring Harbor Workshop on Stem Cells, July 27-August 5

2011:
- International Symposium on Clinical and Basic Investigation in Glioblastoma, Valencia, 23-25 June
- Keynote lecture, "Looking back ahead. The 10th Anniversary of the Human Genome and Its Implications for Science and Society", University of Wien, May 17
- Meeting of the Ethics and Public Policy Committee of the International Society of Stem Cell Research (ISSCR) "Pathways Towards a Sustainable Ethics of Human Stem Cell Research", Brocher Foundation, Geneve December 1-2

2010:
- Cold Spring Harbor Workshop on Stem Cells, July 30-August 8

2009:
- Guest lectures and courses as Distinguished International Professor at the University of Pennsylvania

2008:
- Cold Spring Harbor Workshop on Stem Cell Technologies, August 6-13

2003:
- Fifth International Workshop on Advanced Genomics, Yokohama (Japan), 26-27 June

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 (Codice in materia di protezione dei dati personali) e sue successive modifiche e integrazioni, nonché del Regolamento UE 679/2016 (Regolamento Generale sulla Protezione dei dati o, più brevemente, RGPD).