Giorgio DIECI
Curriculum Vitae et Studiorum

General information

Born in Piacenza (Italy) on March 12, 1965.
Work address: Department of Chemistry, Life Sciences and Environmental Sustainability, University of Parma, Parco Area delle Scienze 23/A, 43124 PARMA, ITALY
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Current position: Professor of Molecular Biology

Education, previous positions and qualifications

1984	High School Diploma, Classical Studies (Liceo Ginnasio M. Gioia, Piacenza)
1988	Degree in Biological Sciences, University of Parma (cum laude)
1989	Trainee at the Institute of Biochemical Sciences, University of Parma
1990-1993	Ph.D. in Molecular Biology and Pathology, University of Parma (Ph.D. dissertation: "Complexity levels of a eukaryotic transcriptional apparatus")
1994-1995	EMBO Post-doctoral Fellow, Service de Biochimie et Génétique Moléculaire, CEA-Saclay (Gif-sur-Yvette, Francia).
1996-1997	Università of Parma post-doctoral fellow in Fundamental Biological Sciences.
1997-2001	Assistant Professor of Biochemistry, University of Parma
2001-2015	Associate Professor of Biochemistry, University of Parma (Dept. of Biochemistry and Molecular Biology; since 2012 Dept. of Life Sciences)
2015-present	Full Professor of Biochemistry, University of Parma (Dept. of Life Sciences; since 2017 Dept. of Chemistry, Life Sciences and Environmental Sustainability)
2017-2019	Head, Dept. of Chemistry, Life Sciences and Environmental Sustainability (SCVSA), University of Parma.
2020-present	Coordinator, Section of Biomolecular, Genomic and Biocomputational Sciences, Department SCVSA (University of Parma)

Prizes and affiliations

2001	"Ettore Bora" Prize of Accademia Nazionale dei Lincei for Biological Sciences and their Applications.
1992-pres.	Member of the Italian Biochemical Society (since 1999, Italian Society for Biochemistry and Molecular Biology; SIB). Founder and *pro tempore* Coordinator of SIB "Nucleic Acid" group, 2018-2019.
2006	International member, American Society for Microbiology
2005-2006	Regular member, American Society for Biochemistry and Molecular Biology
2013-pres.	Member of Biopharmanet-Tec, Interdepartmental Center for Innovation in Health Products, University of Parma

Teaching activity

1999-present Classes of Biochemistry, Cellular biochemistry, Applied biochemistry, Genomics, Proteomics, Molecular biology and Neurochemistry for bachelor and master degree courses. Supervisor of ~50 master theses. Member of Doctoral school in Biotechnology and Biosciences, supervisor of 12 Ph.D. theses. Since 2012, teaching staff member of the PhD Programme in Biotechnology and Biosciences, University of Parma.

Scientific activity

Main research themes and interests

i) Molecular mechanisms of transcription by eukaryotic RNA polymerase III.
ii) Growth-dependent regulation of ribosome biogenesis genes in *S. cerevisiae*
iii) Regulation of the expression of human SINE retrotransposons in development and disease
iv) Interdisciplinary studies addressing meaning and intentionality in living systems through phenomenology and biosemiotics

Grants

1997 Italian National Research Council (CNR) individual grant: "Regulation of eukaryotic class III gene expression and control of cell proliferation"

2002-06 Human Frontier Science Program (HFSP 2002), Young Investigator Grant "Functions of the RNA polymerase III transcription system in genome organization and dynamics" (International coordinator).

2004-05 Italian Ministry for Education, University and Research (MIUR) PRIN (Project of relevant national interest) Grant 2003, "Regulation of the three eukaryotic RNA polymerases in ribosome biogenesis control".

2006-07 MIUR PRIN Grant 2005 "Functional connections between the RNA polymerase I and III transcription systems and the cellular machineries for protein degradation and nuclear transport".

2008-10 French-Italian University, Vinci 2007 Program, Grant for a PhD scolarship in co-supervision (with M. Teichmann-Université Bordeaux 2; "Novel human genes transcribed by RNA polymerase III: genome-scale identification, characterization and regulation").

2008-10 MIUR PRIN Grant 2007 "Novel epigenetic strategies in the regulation of genome expression and dynamics" (National coordinator).

2010-2012 MIUR PRIN Grant 2009 "Study of the connections between gene transcription and telomere regulation in *Saccharomyces cerevisiae*" (National coordinator).

2016-2019 Italian Association for Cancer Research (AIRC) Investigator Grant 2015, "Exploring the potential of Alu RNAs as novel epigenetic players and molecular biomarkers in cancer biology"

International collaborations

Martin TEICHMANN, IECB Pessac and Université Bordeaux 2 (France)

Christophe CARLES, CEA Fontenay aux Roses, (France)
Olivier LEFEBVRE, CEA, iBiTecS, Gif-sur-Yvette (France)
Joël ACKER, CEA, iBiTecS, Gif-sur-Yvette (France)
David DONZE, Dept. of Biological Sciences, Louisiana State University, Baton Rouge LA (USA)
Nouria HERNANDEZ, Center for Integrative Genomics, Université de Lausanne (Switzerland)
David SHORE, Dept. of Molecular Biology, University of Geneva (Switzerland)
Linda F. VAN DYCK, Dept. Of Immunology and Microbiology, University of Colorado Anschutz Medical Campus, Aurora, CO (USA)
Matteo PELLEGRINI, Dept. of Molecular, Cell and Developmental Biology, UCLA, Los Angeles, CA (USA)
Arnold J. BERK, Department of Microbiology, Immunology and Molecular Genetics, UCLA, Los Angeles, CA (USA)
Takehiko KOBAYASHI, Department of Genetics, The Graduate University for Advanced Studies, Sokendai, Mishima, Shizuoka (Japan)
Yasushi YUKAWA, Graduate School of Natural Sciences, Nagoya City University, Nagoya (Japan)
Massimo TOMMASINO, Infections and Cancer Biology Group, International Agency for Research on Cancer, Lyon (France)
Roberto FERRARI, Centre for Genomic Regulation (CRG), Barcelona (Spain)

Patents

Dieci G, Marelli M, Grabstein K, *inventors*; MedImmune Ltd, Cambridge, *proprietor*. Novel nucleic acid molecules. European Patent EP 2970949, May 30 2018.

Editorial Board participation

2021-2023: Section editor (Molecular Genetics and Genomics), International Journal of Molecular Sciences

Publications

1. Merici G, Amidani D, **Dieci G**, Rivetti C (2024). A New Strategy to Investigate RNA:DNA Triplex Using Atomic Force Microscopy. *Int J Mol Sci* **25**:3035.

2. Vezzoli M, de Llobet Cucalon LI, Di Vona C, Morselli M, Montanini B, de la Luna S, Teichmann M, **Dieci G**, Ferrari R (2023). TFIIIC as a potential epigenetic modulator of histone acetylation in human stem cells. *Int J Mol Sci* **24**:3624.

3. Morselli M, **Dieci G** (2022). Epigenetic regulation of human non-coding RNA gene transcription. *Biochem Soc Trans* **50**:723-736.

4. Ferrari R, Grandi N, Tramontano E, **Dieci G** (2021). Retrotransposons as drivers of mammalian brain evolution. *Life* **11** 376.

5. Carzaniga T, Zanchetta G, Frezza E, Casiraghi L, Vanjur L, Nava G, Tagliabue G, **Dieci G**, Buscaglia M, Bellini T (2021). A bit stickier, a bit slower, a lot stiffer: specific vs. nonspecific binding of Gal4 to DNA. *Int J Mol Sci* **22** 3813.

6. **Dieci G** (2021). Removing quote marks from the RNA polymerase II CTD 'code'. *Biosystems*, **207**:104468.

7. Ferrari R, Llobet LI, Di Vona C, Le Dilly F, Vidal E, Lioutas A, Quilez J, Jochem L, Cutts E, **Dieci G**, Vannini A, Techmann M, De la Luna S, Beato M (2020). TFIIIC binding to Alu elements controls gene expression via chromatin looping and histone acetylation. *Mol Cell*, **77**:1-13

8. Cantarella S, Di Nisio E, Carnevali D, **Dieci G**, Montanini B (2019). Interpreting and integrating big data in non-coding RNA research. *Emerg Top Life Sci* **3**:343-355

9. Cantarella S, Carnevali D, Morselli M, Conti A, Pellegrini M, Montanini B, **Dieci G** (2019). Alu RNA modulates the expression of cell cycle genes in human fibroblasts. *Int J Mol Sci*, Jul 5; 20(13)

10. Rota F, Conti A, Campo L, Favero C, Cantone L, Motta V, Polledri E, Mercadante R, **Dieci G**, Bollati V, Fustinoni S (2018). Epigenetic and transcriptional modifications in repetitive elements in petrol station workers exposed to benzene. *Int J Environ Res Public Health* **15** 735

11. **Dieci G**, Ferrari R (2018). The third (III) road to cell transformation. *Cell Cycle* **17** 410-411

12. Bosio MC, Fermi B, **Dieci G** (2017). Transcriptional control of yeast ribosome biogenesis: a multifaceted role for General Regulatory Factors. *Transcription* **8** 254-260.

13. Carnevali D, **Dieci G** (2017). Identification of RNA polymerase III-transcribed SINEs at single-locus resolution from RNA-Sequencing data. *Non-Coding RNA* **3** 15.

14. Bosio MC, Fermi B, Spagnoli G, Levati E, Rubbi L, Ferrari R, Pellegrini M, **Dieci G** (2017). Abf1 and other general regulatory factors control ribosome biogenesis gene expression in budding yeast. *Nucleic Acids Res* **45** 4493-4506.

15. Carnevali D, Conti A, Pellegrini M, **Dieci G** (2017). Whole-genome expression analysis of mammalian-wide interspersed repeat elements in human cell lines. *DNA Res* **24** 59-69.

16. Fermi B, Bosio MC, **Dieci G** (2017). Multiple roles of the general regulatory factor Abf1 in yeast ribosome biogenesis. *Curr Genet* **63** 65-68.

17. Conti A, Rota F, Ragni E, Favero C, Motta V, Lazzari L, Bollati V, Fustinoni S, **Dieci G** (2016). Hydroquinone induces DNA hypomethylation-independent overexpression of retroelements in human leukemia and hematopoietic stem cells. *Biochem Biophys Res Commun* **474** 691-695.

18. Fermi B, Bosio M.C., **Dieci G** (2016). Promoter architecture and transcriptional regulation of Abf1-dependent ribosomal protein genes in *Saccharomyces cerevisiae*. *Nucleic Acids Res* **44** 6113-6126.

19. Carnevali D, **Dieci G** (2015). Alu expression profiles as a novel RNA signature in biology and disease. *RNA & Disease* **2** e735.

20. Fraccia T, Smith G, Zanchetta G, Paraboschi E, Yi Y , Walba D, **Dieci G**, Clark N, Bellini T (2015). Abiotic ligation of DNA oligomers templated by their liquid crystal ordering. *Nat Commun* **6** 6424.

21. Conti A, Carnevali D, Bollati V, Fustinoni S, Pellegrini M, **Dieci G** (2015). Identification of RNA polymerase III-transcribed Alu loci by computational screening of RNA-Seq data. *Nucleic Acids Res* **43** 817-835.

22. **Dieci G**, Fermi B, Bosio MC (2014). Investigating transcription reinitiation through in vitro approaches. *Transcription* **5:**e27704

23. Penna I, Vassallo I, Nizzari M, Russo D, Costa D, Menichini P, Poggi A, Russo C, **Dieci G**, Florio T, Cancedda R, Pagano A. (2013). A novel snRNA-like transcript affects amyloidogenesis and cell cycle progression through perturbation of Fe65L1 (APBB2) alternative splicing. *BBA-Mol Cell Res* **1833** 1511-1526.

24. **Dieci G**, Bosio MC, Fermi B, Ferrari R (2013). Transcription reinitiation by RNA polymerase III. *BBA-Gene Regul Mech* **1829** 331-341.

25. **Dieci G**, Conti A, Pagano A, Carnevali D (2013). Identification of RNA polymerase III-transcribed genes in eukaryotic genomes. *BBA-Gene Regul Mech,* **1829** 296-305.

26. Ciarlo E, Massone S, Penna I, Nizzari M, Gigoni A, **Dieci G**, Russo C, Florio T, Cancedda R, Pagano A. (2013). An intronic ncRNA-dependent regulation of SORL1 expression affecting Aβ formation is upregulated in post-mortem Alzheimer's disease brain samples. *Dis Model Mech* **6** 424-433.

27. Bruzzone M, Gavazzo P, Massone S, Balbi C, Villa F, Conti A, **Dieci G**, Cancedda R, Pagano A (2012). The murine PSE/TATA-dependent transcriptome: evidence of functional homologies with its human counterpart. *Int J Mol Sci* **13** 14813-14827.

28. Orioli A, Pascali C, Pagano A, Teichmann M, **Dieci G** (2012). RNA polymerase III transcription control elements: themes and variations. *Gene* **493** 185-194.

29. Massone S, Vassallo I, Castelnuovo M, Fiorino G, Gatta E, Robello M, Borghi R, Tabaton M, Russo C, **Dieci G**, Cancedda R, Pagano A (2011). RNA polymerase III drives alternative splicing of the potassium channel–interacting protein contributing to brain complexity and neurodegeneration. *J Cell Biol* **19** 851-866. *****

30. Bosio MC, Negri R, **Dieci G** (2011). Promoter architectures in the yeast ribosomal expression program. *Transcription* **2** 71-77.

31. Orioli A, Pascali C, Quartararo J, Diebel KW, Praz V, Percudani R, van Dyk LF, Hernandez N, Teichmann M , **Dieci G** (2011). Widespread occurrence of non-canonical transcription termination by human RNA polymerase III. *Nucleic Acids Res* **39** 5499-5512.

32. Massone S, Vassallo I, Fiorino G, Castelnuovo M, Barbieri F, Borghi R, Tabaton M, Robello M, Gatta E, Russo C, Florio T, **Dieci G**, Cancedda R, Pagano A (2011). 17A, a novel non-coding RNA, regulates GABA B alternative splicing and signaling in response to inflammatory stimuli and in Alzheimer disease. *Neurobiol Dis* **41** 308-317.

33. Yukawa Y, **Dieci G**, Alzapiedi M, Hiraga A, Hirai K, Yamamoto YY, Sugiura M (2011). A common sequence motif involved in selection of transcription start sites of Arabidopsis and budding yeast tRNA genes. *Genomics* **97** 166-172.

34. Teichmann M, **Dieci G**, Pascali C, Boldina G (2010). General transcription factors and subunits of RNA polymerase III: Paralogues for promoter- and cell type-specific transcription in multicellular eukaryotes. *Transcription* **1** 130-135.

35. Castelnuovo M, Massone S, Tasso R, Fiorino G, Gatti M, Robello M, Gatta E, Berger A, Strub K, Florio T, **Dieci G**, Cancedda R, Pagano A (2010). An Alu-like RNA promotes cell differentiation and reduces malignancy of human neuroblastoma cells. *FASEB J* **24** 4033-4046.

36. Preti M, Ribeyre C, Pascali C, Bosio MC, Cortelazzi B, Rougemont J, Guarnera E, Naef F, Shore D, **Dieci G** (2010). The telomere-binding protein Tbf1 demarcates snoRNA gene promoters in Saccharomyces cerevisiae. *Mol Cell* **38** 614-620 ******

37. **Dieci G**, Preti M, Montanini B (2009). Eukaryotic snoRNAs: a paradigm for gene expression flexibility. *Genomics* **94** 83-88.

38. **Dieci G**, Ruotolo R, Braglia P, Carles C, Carpentieri A, Amoresano A, Ottonello S (2009). Positive modulation of RNA polymerase III transcription by ribosomal proteins. *Biochem Biophys Res Commun* **379** 489-493.

39. Tavenet A , Suleau A , Dubreuil G, Ferrari R, Ducrot C, Michaut M, Aude JC, **Dieci G**, Lefebvre O, Conesa C, Acker J. (2009). Genome-wide location analysis reveals a role for Sub1 in RNA polymerase III transcription. *Proc Natl Acad Sci U S A* **106** 14265-14270.*******

40. Ferrari R, **Dieci G** (2008). The transcription reinitiation properties of RNA polymerase III in the absence of transcription factors. *Cell Mol Biol Lett* **13** 112-118.

41. Braglia P, Dugas SL, Donze D, **Dieci G** (2007). Requirement of Nhp6 proteins for transcription of a subset of tRNA genes and heterochromatin barrier function in Saccharomyces cerevisiae. *Mol Cell Biol* **27** 1545-1557.

42. **Dieci G**, Fiorino G, Castelnuovo M, Teichmann M, Pagano A (2007). The expanding RNA polymerase III transcriptome. *Trends Genet* **23** 614-622.

43. Pagano A, Castelnuovo M, Tortelli F, Ferrari R, **Dieci G**, Cancedda R (2007). New small nuclear RNA gene-like transcriptional units as sources of regulatory transcripts. *PLoS Genet* **3** e1.

44. **Dieci G**, Yukawa Y, Alzapiedi M, Guffanti E, Ferrari R, Sugiura M, Ottonello S (2006). Distinct modes of TATA box utilization by the RNA polymerase III transcription machineries from budding yeast and higher plants. *Gene* **379** 12-25.

45. Guffanti E, Ferrari R, Preti M, Forloni M, Harismendy O, Lefebvre O, **Dieci G** (2006). A minimal promoter for TFIIIC-dependent in vitro transcription of snoRNA and tRNA genes by RNA polymerase III. *J Biol Chem* **281** 23945-23957.

46. Guffanti E, Percudani R, Harismendy O, Soutourina J, Werner M, Iacovella MG, Negri R, **Dieci G** (2006). Nucleosome depletion activates poised RNA polymerase III at unconventional transcription sites in Saccharomyces cerevisiae. *J Biol Chem* **281** 29155-29164.

47. Preti M, Guffanti E, Valitutto E, **Dieci G** (2006). Assembly into snoRNP controls 5'-end maturation of a box C/D snoRNA in Saccharomyces cerevisiae. *Biochem Biophys Res Commun* **351** 468-473.

48. Braglia P, Percudani R, **Dieci G** (2005). Sequence context effects on oligo(dT) termination signal recognition by Saccharomyces cerevisiae RNA polymerase III. *J Biol Chem* **280** 19551-19562.

49. Conesa C, Ruotolo R, Soularue P, Simms TA, Donze D, Sentenac A, **Dieci G** (2005). Modulation of yeast genome expression in response to defective RNA polymerase III-dependent transcription. *Mol Cell Biol* **25** 8631-8642.

50. **Dieci G**, Bottarelli L, Ottonello S (2005). A general procedure for the production of antibody reagents against eukaryotic ribosomal proteins. *Protein Pept Lett* **12** 555-560.

51. Ferrari R, Rivetti C, Acker J, **Dieci G** (2004). Distinct roles of transcription factors TFIIIB and TFIIIC in RNA polymerase III transcription reinitiation. *Proc Natl Acad Sci U S A* **101** 13442-13447.

52. Ferrari R, Rivetti C, **Dieci G** (2004). Transcription reinitiation properties of bacteriophage T7 RNA polymerase. *Biochem Biophys Res Commun* **315** 376-380.

53. Guffanti E, Corradini R, Ottonello S, **Dieci G** (2004). Functional dissection of RNA polymerase III termination using a peptide nucleic acid as a transcriptional roadblock. *J Biol Chem* **279** 20708-20716.

54. **Dieci G**, Sentenac A (2003). Detours and shortcuts to transcription reinitiation. *Trends Biochem Sci* **28** 202-209.

55. Giuliodori S, Percudani R, Braglia P, Ferrari R, Guffanti E, Ottonello S, **Dieci G** (2003). A composite upstream sequence motif potentiates tRNA gene transcription in yeast. *J Mol Biol* **333** 1-20.

56. Rivetti C, Codeluppi S, **Dieci G**, Bustamante C (2003). Visualizing RNA extrusion and DNA wrapping in transcription elongation complexes of bacterial and eukaryotic RNA polymerases. *J Mol Biol* **326** 1413-1426.

57. **Dieci G**, Giuliodori S, Catellani M, Percudani R, Ottonello S (2002). Intragenic promoter adaptation and facilitated RNA polymerase III recycling in the transcription of SCR1, the 7SL RNA gene of Saccharomyces cerevisiae. *J Biol Chem* **277** 6903-6914.

58. Betti M, Petrucco S, Bolchi A, **Dieci G**, Ottonello S (2001). A plant 3'-phosphoesterase involved in the repair of DNA strand breaks generated by oxidative damage. *J Biol Chem* **276** 18038-18045.

59. **Dieci G**, Corradini R, Sforza S, Marchelli R, Ottonello S (2001). Inhibition of RNA polymerase III elongation by a T10 peptide nucleic acid. *J Biol Chem* **276** 5720-5725.

60. **Dieci G**, Bottarelli L, Ballabeni A, Ottonello S (2000). tRNA-assisted overproduction of eukaryotic ribosomal proteins. *Protein Expr Purif* **18** 346-354.

61. **Dieci G**, Percudani R, Giuliodori S, Bottarelli L, Ottonello S (2000). TFIIIC-independent *in vitro* transcription of yeast tRNA genes. *J Mol Biol* **299** 603-615.

62. Pizzi S, **Dieci G**, Frigeri P, Piccoli G, Stocchi V, Ottonello S (1999). Domain organization and functional properties of yeast TFIIIA species with different zinc stoichiometries. *J Biol Chem* **274** 2539-2548.

63. Teichmann M, **Dieci G**, Huet J, Ruth J, Sentenac A, Seifart KH (1997). Functional interchangeability of TFIIIB components from yeast and human cells in vitro. *EMBO J* **16** 4708-4716.

64. **Dieci G**, Sentenac A (1996). Facilitated recycling pathway for RNA polymerase III. *Cell* **84** 245-252.

65. Huet J, Manaud N, **Dieci G**, Peyroche G, Conesa C, Lefebvre O, Ruet A, Riva M, Sentenac A (1996). RNA polymerase III and class III transcription factors from Saccharomyces cerevisiae. *Methods Enzymol* **273** 249-267.

66. Ruth J, Conesa C, **Dieci G**, Lefebvre O, Dusterhoft A, Ottonello S, Sentenac A (1996). A suppressor of mutations in the class III transcription system encodes a component of yeast TFIIIB. *EMBO J* **15** 1941-1949.

67. **Dieci G**, Duimio L, Peracchia G, Ottonello S (1995). Selective inactivation of two components of the multiprotein transcription factor TFIIIB in cycloheximide growth-arrested yeast cells. *J Biol Chem* **270, 22** 13476-13482.

68. **Dieci G**, Hermann-Le, Denmat S, Lukhtanov E, Thuriaux P, Werner M, Sentenac A (1995). A universally conserved region of the largest subunit participates in the active site of RNA polymerase III. *EMBO J* **14** 3766-3776.

69. Ottonello S, Ballabeni A, Soncini C, **Dieci G** (1994). High level expression in E.coli and purification of yeast transcription factor IIIA. *Biochem Biophys Res Commun* **203** 1217-1223.

70. Pavesi A, Conterio F, Bolchi A, **Dieci G**, Ottonello S (1994). Identification of new eukariotic tRNA genes in genomic DNA databases by a multistep weight matrix analysis of transcriptional control regions. *Nucleic Acids Res* **22** 1247-1256.

71. **Dieci G**, Duimio L, Coda F, Sprague KU, Ottonello S (1993). A novel RNA polymerase III transcription factor fraction that is not required for template commitment. *J Biol Chem.* **268** 11199-11207.

72. Pavesi A, **Dieci G**, Bolchi A, Conterio F, Ottonello S (1993). New tRNA genes identified by a weight matrix procedure of computer search are transcribed in vitro as PCR-amplified linear fragments. *Minerva Biotecnol* **5** 151-157.

H-index: 30 (Source: Scopus, 14.06.2024).

Other academic activities

Invited speaker at several international meetings (International Conference on Transcription by RNA polymerase I and III, EMBO Workshop Gene transcription in yeast, FEBS Congress) and institutions (CEA-Saclay France, UCLA, Max Planck Institute of Biochemistry-Martinsried Germany, National Institute of Basic Biology-Okazaki Japan, Nagoya City University Japan). Member of scientific committee and session chair at several national and international meetings. Referee for scientific journals journals (Molecular Cell, PLoS Genetics, Genome Research, Nucleic Acids Research, EMBO Journal, Molecular and Cellular Biology, Journal of Biological Chemistry, Trends in Biochemical Sciences, Trends in Genetics, Genome Biology and Evolution, Biological Chemistry, Genomics, International Journal of Molecular Sciences, Current Genetics, and others) and funding agencies (Wellcome Trust, HFSP, BBSRC-UK Research Grant Program, Cancer Research UK, Israel Science Foundation, ANR (France), National Science Centre (Poland), Swiss National Science Foundation and others.
Scientific dissemination and science teacher training activities.

Outreach and interdisciplinary activities

In the past 10 years G.D. gave over 30 public outreach conferences addressing either specific topics in contemporary biology (e.g. non-coding RNA, epigenetic inheritance, synthetic biology) or fundamental questions arising from the peculiarities and limits of scientific inquiry in the face of irreducible aspects of reality. The target of conferences ranged from general public in diverse environments (cultural associations, schools, parish communities) to teachers of primary, middle and high schools in the context of teacher training courses, to academia.
As a member of Euresis, a free association for the promotion of scientific knowledge, he co-authored scientific exhibitions (among which Living Being, presented at the Meeting for Friendship of Peoples in 2020) and he was involved, from 2008 to 2015, in the organization of academic interdisciplinary symposia, held at the University of San Marino, on frontier topics in science addressed in a broad perspective also including philosophical and theological inquiry.

Parma, June 14th, 2024

Signature

Prof. Giorgio Dieci