

CRISTIANO DE PITTA'

PERSONAL INFORMATION:

Family name, First name: De Pittà Cristiano

Researcher unique identifier (ORCID): orcid.org/0000-0001-8013-8162.

Date of birth: 20.04.1974

Nationality: Italian

EDUCATION:

- April 2013 PhD in Biosciences & Biotechnology (curriculum of Biotechnology, Dept. Biology, University of Padova, Padova, Italy) with the dissertation: "*microRNAs and breast cancer: a genomic study reveals miR-148b as a major coordinator of tumor progression*" (Supervisor: Prof. Gerolamo Lanfranchi, Dept. Biology, University of Padova).
- July 2004 Specialized in Medical Genetics at the University of Verona with the dissertation: "*Gene expression profiling with cDNA microarray of alveolar rhabdomyosarcoma patients*" (A.A. 2003-04, vote: 50/50, Tutor: Prof. Pier Franco Pignatti, Dept. Life Science, University of Verona, Verona, Italy).
- June 2001 National qualification to work as biologist with high marks (University of Padova, Padova).
- July 1999 Master's degree in Biological Sciences (curriculum: Molecular Biology) at the University of Padova (A.A. 1998-99, vote: 110/110 cum laude, Tutor: Prof. Gerolamo Lanfranchi, Dept. Biology, University of Padova).

CURRENT POSITION:

- 2021 – now: Associate Professor in Genetics, SSD BIO/18 (Department of Biology, University of Padova, Padova, Italy).
- April 2021 Qualified for Full Professor in Genetics, SSD BIO/18 (National Scientific Qualification examination, ASN 2018).
- 2011 – 2021 Assistant Professor in Genetics, SSD BIO/18 (Department of Biology, University of Padova, Padova, Italy).

SUPERVISION OF GRADUATE AND PhD STUDENTS AND POSTDOCTORAL FELLOWS:

- 2020 – now Supervisor of two PhD students in Biosciences (curriculum: Cell biology and Physiology) at the Department of Biology, University of Padova, Padova, Italy.
- 2019 – 2020 Supervisor of one Postdoc in the project "*Modeling human mitochondrial disease related to APOPT1 in Drosophila melanogaster*" supported by the University of Padova (BIRD 2018 – Assegno di Ricerca).
- 2016 – 2017 Supervisor of one Postdoc in the project "*Drosophila melanogaster as a model to study mitochondrial diseases: functional characterization of Mpv17 gene*" supported by the University of Padova (PRAT Grant N.: CPDA142980).
- 2009 – 2021 Co-supervisor of three PhD students (Alberto Biscontin, Samantha Corrà and Michele Brischiigliaro) in Biosciences (curriculum: Genetics, Genomics and Bioinformatics) at the Department of Biology, University of Padova, Padova, Italy.

- 2005 – now Supervisor of 22 Master students (second-level degree): in Industrial Biotechnology (14 students), in Molecular Biology (3 students) and in Health Biology (3 students) at the Department of Biology, University of Padova, Padova, Italy.
- 2005 – now Supervisor of 48 undergraduate students (first-level degree) in Biotechnology Molecular Biology and Biology at the Department of Biology, University of Padova, Padova, Italy.

TEACHING ACTIVITIES:

- 2021 – now Responsible of the “*Genetic engineering*” (32 hours of lectures, 16 hours of practice, exams, 5 CFU) module of the “*Molecular biology and Genetic engineering*” integrate course (12 CFU) in the first-level degree in Biotechnology of the University of Padova (A.A.: from 2021/2022 to now, general satisfaction of students: 9.1/10)
- 2018 – now Member of the school board of PhD program in Biosciences (curriculum: Cell biology and Physiology) at the Department of Biology, University of Padova, Padova, Italy.
- 2016 – now Responsible of the “*Genetic engineering*” (24 hours of lectures, exams, 3 CFU) module of the “*Genetics 1 and Genetic engineering*” integrate course (10 CFU) in the first-level degree in Molecular Biology of the University of Padova (A.A.: from 2016/2017 to now, general satisfaction of students: 8.5/10).
- 2013 – now I constantly take part to the activity “*Scegli con noi il tuo domani*” organized by the University of Padova, which is aimed to meet and discuss with the students at the secondary schools to help them to gather the relevant information and to decide on the Degree.
- 2011 – now Responsible of the “*Introduction to OMICS: Genomics, Transcriptomics and Proteomics*” course (40 hours of lectures, 16 hours of practice, exams, 6 CFU) in the first-level degree in Biotechnology and Molecular Biology of the University of Padova (A.A.: from 2011/2012 to now, general satisfaction of students: 9.2/10).
- 2013 – 2015 Responsible of the “*Functional genomics*” course (14 hours of lectures, exams) in the Master of biotechnology for business (BIOTEMA and BIOTEMA-2) organized by CUOA Business School (Altavilla Vicentina, Vicenza, Italy) and Veneto Region (Italy).
- 2012 – 2013 Responsible of the “*Structural and functional genomics*” course (40 hours of lectures, 16 hours of practice, exams, 6 CFU) in the master’s degree in Industrial Biotechnology of the University of Padova (A.A.: 2012/2013, general satisfaction of students: 8.5/10).
- 2004 – 2008 Responsible of the “*Metodology of functional genomics I (Transcriptomics)*” course (32 hours of lectures, 16 hours of practice, exams, 5 CFU) in the master’s degree in Industrial Biotechnology of the University of Padova (A.A.: from 2004/2005 to 2007/2008, A.A.: 2012/2013, general satisfaction of students: 9.4/10).

INSTITUTIONAL RESPONSIBILITIES:

- 2017 – now Vice-president of the first-level degree in Biotechnology of the University of Padova. I have the responsibility of about 350 students/year.
- 2017 – now Delegate of the Rector of the University of Padova to sign the training projects for internships in Italy and abroad for the first-level degree in Biotechnology.

- 2015 – now Member of spaces' committee of the Department of Biology, University of Padova, Padova, Italy.
- 2011 – now Member of the didactic committee, member of group for accreditation and evaluation (GAV) and head of degree and internship committee for the first-level degree in Biotechnology of the University of Padova.

COMMISSIONS OF TRUST:

- 2022 – now Editorial Board Member of Scientific Reports (ISSN 2045-2322, Nature).
- 2020 – now Editorial Board Member of BioChem (ISSN 2673-6411, MDPI).
- 2020 Reviewer of two projects for FISR 2020 "Progetti di ricerca COVID-19"(MIUR, Italy).
- 2020 Reviewer of one project for The United States–Israel Binational Science Foundation (BSF).
- 2019 Reviewer of one project for “Young Researchers” of the University of Firenze (Firenze, Italy).
- 2018- now Guest Associate Editor of Frontiers in Physiology, Invertebrate Physiology section.
- 2017 Reviewer of one project for “Programma per Giovani Ricercatori “Rita Levi Montalcini” (MIUR, Italy).
- 2012 Reviewer of one project for PRIN 2012 (MIUR, Italy).
- 2011 Reviewer of the project N. 1039 of the French Polar Institute Paul-Emile Victor (IPEV).
- 2005 – now I perform the reviewer's activity for the following scientific journals: PLoS ONE; BMC Genomics; Molecular Ecology Resources; Developmental, Genes and Evolution; European Journal of Cancer; Genome Medicine; Genomics, Proteomics and Bioinformatics; Cellular Physiology and Biochemistry; Journal of Biological Markers; Leukemia Research; Neoplasia; Biology Open; Journal of Experimental Marine Biology and Ecology; 3Biotech; Insect Molecular Biology; Marine Pollution Bulletin; Biochemical Genetics; Cancers and PLoS Genetics.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES:

- 2021 – now Member of European Drosophila Society (EDS).
- 2018 – now Member of Junior European Drosophila Investigators (JEDI).
- 2012 – now Member of the “Associazione Genetica Italiana (AGI)”.

GRANTS (PI):

- 2023 – now PNRA 2019, line B (ID: PNRA19_00065) entitled: “*Functional and molecular characterization of the circadian clock in the Antarctic key species Euphausia superba*” (ID: PNRA19_00065).
- 2019 – 2020 BIRD-2018 (Assegno di Ricerca) of Dept. Biology (University of Padova) entitled: “*Modeling human mitochondrial disease related to APOPT1 in Drosophila melanogaster*” (ID: BIRD182052).
- 2016 BIRD-2016 (Assegno di Ricerca) of Dept. Biology (University of Padova) entitled: “*Functional characterization of dMPV17 in Drosophila melanogaster*”.
- 2015 – 2017 PRAT-2014 (Progetti di Ricerca di Ateneo) of Dept. Biology (University of Padova) entitled: “*Drosophila melanogaster as a model to study mitochondrial diseases: functional characterization of Mpv17 gene*” (ID: CPDA142980/14).

GRANTS of last ten years (Member):

- 2023 – now “National Biodiversity Future Center”, codice identificativo MUR CN00000033 nell’ambito del Piano Nazionale di Ripresa e Resilienza (PNRR), Missione 4, Componente 2 (PI: Prof. Tomaso Patarnello, Dept. BCA, University of Padova, Padova, Italy).
- 2021 – now Telethon N. GGP20013 entitled: “MitMed: identification and characterization of new disease genes for mitochondrial disorders” (PI: Prof. Carlo Fiore Viscomi, Dept. Biomedical Sciences, University of Padova, Padova, Italy).
- 2020 – 2022 Telethon N. GGP19118 entitled: “Exploiting a bacterial redox cyclus against mitochondrial diseases linked to respiratory complex dysfunction” (PI: Prof. I. Szabò, Dept. Biology, University of Padova, Padova, Italy).
- 2016 – 2019 PNRA 2016, line B (ID: PNRA16f100225) entitled: “Ontogenesis of the circadian clock in the Antarctic krill *Euphausia superba*” (PI: Dr. A. Biscontin, Dept. Biology, University of Padova, Padova, Italy).
- 2015 – 2019 Telethon N. GGP15041 entitled: “MitMed consortium: from the identification and characterization of nuclear genes responsible for human mitochondrial disorders towards potential therapeutic approaches in experimental models” (P.I.: Prof. Daniele Ghezzi, Neurologic Institute “C. Besta”, Milan, Italy).
- 2014 – 2016 PNRA 2013, n. 417 - line C entitled: “Cryptochromes and the visual complex in the Antarctic krill *Euphausia superba*” (PI: Prof. R. Costa, Dept. Biology, University of Padova, Padova, Italy).
- 2013 – 2018 German Helmholtz Association entitled: “PolarTime - Biological timing in a changing marine Environment – Clocks and rhythms in polar pelagic organisms” (PI: Prof. B. Meyer, AWI Institute, Bremerhaven, Germany).
- 2013 – 2018 MIUR-CNR, EPIGEN (Progetto Bandiera Epigenomica) entitled: “Chronic disruption of the circadian rhythmicity and chromatin epigenetic modifications in the model organism *Drosophila melanogaster*” (PI: Prof. R. Costa, Dept. Biology, University of Padova, Padova, Italy).
- 2013 – 2016 AIRC 2013, N. 14201 entitled: “miRNA in melanoma progression” (PI: Prof. Daniela Taverna, MBC, University of Turin, Turin, Italy).
- 2012 – 2014 CA.RI.PLO Foundation, Scientific Research in Biomedicine 2011, entitled: “MITGEN: Definition and characterization of disease genes in mitochondrial disorders” (PI: Prof. Massimo Zeviani, Neurologic Institute “C. Besta”, Milan, Italy).

CITATION METRIX:

Scientific publications on peer-reviewed international journals: **49**; **h-index: 21**; citations: 1.532 (Scopus, February 2023).

PUBLICATIONS:

1. Porrazzo A, Cipressa F, De Gregorio A, **De Pittà C**, Sales G, Ciapponi L, Morciano P, Esposito G, Tabocchini MA, Cenci G. Low dose rate γ -irradiation protects fruit fly chromosomes from double strand breaks and telomere fusions by reducing the esi-RNA biogenesis factor Loquacious. *Commun Biol.* 2022; **5**(1):905.
I.F. 2021: **6.587**; ISI category: Biology; Ranking 2021: 15/94 Q1
2. Chen L, Roake CM, Maccallini P, Bavasso F, Dehghannasiri R, Santonicola P, Mendoza-Ferreira N, Scatolini L, Rizzuti L, Esposito A, Gallotta I, Francia S, Cacchione S, Galati A, Palumbo V, Kobin MA, Tartaglia GG, Colantoni A, Proietti G, Wu Y, Hammerschmidt M, **De Pittà C**, Sales G, Salzman J, Pellizzoni L, Wirth B, Di Schiavi E, Gatti M, Artandi SE, Raffa GD.

- TGS1 impacts snRNA 3'-end processing, ameliorates survival motor neuron-dependent neurological phenotypes in vivo and prevents neurodegeneration. *Nucleic Acids Res.* 2022; **50**(21):12400-12424.
I.F. 2021: **19.160**; ISI category: Biochemistry & Molecular Biology; Ranking 2021: 8/297 Q1
3. Muller SJ, Michael K, Urso I, Sales G, **De Pitta C**, Suberg L, Wessels W, Pakhomov EA, Meyer B. Seasonal and Form-Specific Gene Expression Signatures Uncover Different Generational Strategies of the Pelagic Tunicate *Salpa thompsoni* During the Southern Ocean Winter. *Frontiers in Marine Science* 2022; **9**: 914095.
I.F. 2021: **5.247**; ISI category: Marine & Freshwater Biology; Ranking 2021: 6/113 Q1
 4. Urso I, Biscontin A, Corso D, Bertolucci C, Romualdi C, **De Pittà C**, Meyer B, Sales G. A thorough annotation of the krill transcriptome offers new insights for the study of physiological processes. *Sci Rep.* 2022; **12**(1):11415.
I.F. 2021: **4.997**; ISI category: Multidisciplinary Sciences; Ranking 2021: 19/74 Q2
 5. Colaianni D, **De Pittà C**. The Role of microRNAs in the *Drosophila Melanogaster* Visual System. *Front Cell Dev Biol.* 2022; **10**:889677.
I.F. 2021: **6.081**; ISI category: Developmental Biology; Ranking 2020: 6/39 Q1
 6. Aita A, Millino C, Sperti C, Pacchioni B, Plebani M, **De Pittà C***, Basso D*. Serum miRNA Profiling for Early PDAC Diagnosis and Prognosis: A Retrospective Study. *Biomedicines.* 2021; **20**;9(7):845. [*co-corresponding authors]
I.F. 2021: **4.757**; ISI category: Medicine, Research & Experimental; Ranking 2021: 62/139 Q2
 7. Brischigliaro M, Frigo E, Corrà S, **De Pittà C**, Szabò I, Zeviani M, Costa R. Modelling of BCS1L-related human mitochondrial disease in *Drosophila melanogaster*. *J Mol Med (Berl).* 2021; **99**(10):1471-1485.
I.F. 2021: **5.606**; ISI category: Genetics & Heredity; Ranking 2021: 32/175 Q1.
 8. Peruzzo R, Corrà S, Costa R, Brischigliaro M, Varanita T, Biasutto L, Rampazzo C, Ghezzi D, Leanza L, Zoratti M, Zeviani M, **De Pittà C**, Viscomi C, Costa R, Szabò I. Exploiting pyocyanin to treat mitochondrial disease due to respiratory complex III dysfunction. *Nat Commun.* 2021; **12**(1):2103.
I.F. 2021: **17.694**; ISI category: Multidisciplinary Sciences; Ranking 2021: 6/74 Q1
 9. Höring F, Biscontin A, Harms L, Sales G, Reiss CS, **De Pittà C***, Meyer B*. Seasonal gene expression profiling of Antarctic krill in three different latitudinal regions. *Mar Genomics.* 2021; **56**:100806. [*co-corresponding authors]
I.F. 2021: **2.143**; ISI category: Genetics & Heredity; Ranking 2021: 138/175 Q4
 10. Reale E, Taverna D, Cantini L, Martignetti L, Osella M, **De Pittà C**, Virga F, Orso F, Caselle M. Investigating the epi-miRNome: identification of epi-miRNAs using transfection experiments. *Epigenomics* 2019; **11**(14):1581-1599.
I.F. 2019: **4.112**; ISI category: Genetics & Heredity; Ranking 2019: 46/178 Q2.
 11. Brischigliaro M, Corrà S, Tregnago C, Fernandez-Vizarra E, Zeviani M, Costa R, **De Pittà C**. Knockdown of APOPT1/COA8 Causes Cytochrome c Oxidase Deficiency, Neuromuscular Impairment, and Reduced Resistance to Oxidative Stress in *Drosophila melanogaster*. *Front Physiol.* 2019; **10**:1143.
I.F. 2019: **3.367**; ISI category: Physiology; Ranking 2019: 30/81 Q2.
 12. Biscontin A, Martini P, Costa R, Kramer A, Meyer B, Kawaguchi S, Teschke M, **De Pittà C**. Analysis of the circadian transcriptome of the Antarctic krill *Euphausia superba*. *Sci Rep.* 2019; **9**(1):13894.
I.F. 2019: **3.998**; ISI category: Multidisciplinary Sciences; Ranking 2019: 17/71 Q1.
 13. Piccolin F, Meyer B, Biscontin A, **De Pittà C**, Kawaguchi S, Teschke M. Photoperiodic modulation of circadian functions in Antarctic krill *Euphausia superba* Dana, 1850 (Euphausiacea). *Journal of Crustacean Biology* (2018), 1–9.
I.F. 2018: **1.069**; ISI category: Marine & Freshwater Biology; Ranking 2018: 74/108 Q3.
 14. Cusumano P, Biscontin A, Sandrelli F, Mazzotta GM, Tregnago C, **De Pittà C***, Costa R*.

- Modulation of miR-210 alters phasing of circadian locomotor activity and impairs projections of PDF clock neurons in *Drosophila melanogaster*. *PLoS Genet.* 2018; **14**(7):e1007500. [*co-corresponding authors]
I.F. 2018: **5.224**; ISI category: Genetics & Heredity; Ranking 2018: 23/174 Q1.
15. Biscontin A, Wallach T, Sales G, Grudziecki A, Janke L, Sartori E, Bertolucci C, Mazzotta G, **De Pittà C**, Meyer B, Kramer A, Costa R. Functional characterization of the circadian clock in the Antarctic krill, *Euphausia superba*. *Sci Rep.* 2017; **7**(1):17742.
I.F. 2017: **4.122**; ISI category: Multidisciplinary Sciences; Ranking 2017: 12/64 Q1.
 16. Turco M, Biscontin A, Corrias M, Caccin L, Bano M, Chiaromanni F, Salamanca M, Mattei D, Salvoro C, Mazzotta G, **De Pittà C**, Middleton B, Skene DJ, Montagnese S, Costa R. Diurnal preference, mood and the response to morning light in relation to polymorphisms in the human clock gene PER3. *Sci Rep.* 2017; **7**(1):6967.
I.F. 2017: **4.122**; ISI category: Multidisciplinary Sciences; Ranking 2017: 12/64 Q1.
 17. Allebrandt KV, Teder-Laving M, Cusumano P, Frishman G, Levandovski R, Ruepp A, Hidalgo MPL, Costa R, Metspalu A, Roenneberg T, **De Pittà C**. Identifying pathways modulating sleep duration: from genomics to transcriptomics. *Sci Rep.* 2017; **7**(1):4555.
I.F. 2017: **4.122**; ISI category: Multidisciplinary Sciences; Ranking 2017: 12/64 Q1.
 18. Sales G, Deagle BE, Calura E, Martini P, Biscontin A, **De Pittà C**, Kawaguchi S, Romualdi C, Meyer B, Costa R, Jarman S. KrillDB: A de novo transcriptome database for the Antarctic krill (*Euphausia superba*). *PLoS One* 2017; **12**(2):e0171908.
I.F. 2017: **2.766**; ISI category: Multidisciplinary Sciences; Ranking 2017: 15/64 Q1.
 19. Biscontin A, Frigato E, Sales G, Mazzotta GM, Teschke M, **De Pittà C**, Jarman S., Meyer B., Costa R, Bertolucci C. The opsin repertoire of the Antarctic krill *Euphausia superba*. *Marine Genomics* 2016; **29**:61-68.
I.F. 2016: **1.923**; ISI category: Genetics & Heredity; Ranking 2016: 109/167 Q3
 20. Raimo M, Orso F, Grassi E, Cimino D, Penna E, **De Pitta C**, Stadler MB, Primo L, Calautti E, Quaglino P, Provero P, Taverna D. miR-146a Exerts Differential Effects on Melanoma Growth and Metastatization. *Mol Cancer Res.* 2016; **14**(6):548-62.
I.F. 2016: **4.974**; ISI category: Oncology; Ranking 2016: 49/217 Q1
 21. Turco M, Corrias M, Chiaromanni F, Bano M, Salamanca M, Caccin L, Merkel C, Amodio P, Romualdi C, **De Pittà C**, Costa R, Montagnese S. The self-morningness/eveningness (Self-ME): An extremely concise and totally subjective assessment of diurnal preference. *Chronobiol Int.* 2015; **32**(9):1192-200.
I.F. 2015: **3.540**; ISI category: Physiology; Ranking 2015: 18/83 Q1
 22. Montelli S, Mazzotta G, Vanin S, Caccin L, Corrà S, **De Pittà C**, Boothroyd C, Green EW, Kyriacou CP, Costa R. period and timeless mRNA Splicing Profiles under Natural Conditions in *Drosophila melanogaster*. *J Biol Rhythms.* 2015; **30**(3):217-27.
I.F. 2015: **2.824**; ISI category: Biology; Ranking 2015: 18/86 Q1.
 23. Tombolan L, Zampini M, Casara S, Boldrin E, Zin A, Bisogno G, Rosolen A, **De Pittà C***, Lanfranchi G*. MicroRNA-27a Contributes to Rhabdomyosarcoma Cell Proliferation by Suppressing RARA and RXRA. *PLoS One.* 2015; **10**(4):e0125171. [*co-corresponding authors]
I.F. 2015: **3.057**; ISI category: Multidisciplinary Sciences; Ranking 2015: 11/63 Q1.
 24. Meyer B, Martini P, Biscontin A, **De Pittà C**, Romualdi C, Teschke M, Frickenhaus S, Harms L, Freier U, Jarman S, Kawaguchi S. Pyrosequencing and de novo assembly of Antarctic krill (*Euphausia superba*) transcriptome to study the adaptability of krill to climate-induced environmental changes. *Mol Ecol Resour.* 2015; **15**(6):1460-71.
I.F. 2015: **5.298**; ISI category: Ecology; Ranking 2015: 14/150 Q1.
 25. Ferro D, Bakiu R, **De Pittà C**, Boldrin F, Cattalini F, Pucciarelli S, Miceli C, Santovito G. Cu,Zn superoxide dismutases from *Tetrahymena thermophila*: molecular evolution and gene expression of the first line of antioxidant defenses. *Protist.* 2015; **166**(1):131-45.
I.F. 2015: **2.898**; ISI category: Microbiology; Ranking 2015: 49/123 Q2.

26. Da-Rè C, von Stockum S, Biscontin A, Millino C, Cisotto P, Zordan MA, Zeviani M, Bernardi P, **De Pittà C***, Costa R*. Leigh syndrome in *Drosophila melanogaster*: morphological and biochemical characterization of Surf1 post-transcriptional silencing. *J Biol Chem.* 2014; 289(42):29235-46. [*co-corresponding authors]
I.F. 2014: **4.573**; ISI category: Biochemistry Molecular Biology; Ranking 2014: 61/290 Q1.
27. Girardi C*, **De Pittà C***, Casara S, Calura E, Romualdi C, Celotti L, Mognato M. Integration analysis of microRNA and mRNA expression profiles in human peripheral blood lymphocytes cultured in modeled microgravity. *Biomed Res Int.* 2014; **2014**:296747. [*equally contributed authors]
I.F. 2014: **1.579**; ISI category: Medicine, Research & Experimental; Ranking 2014: 85/123 Q3.
28. Soares RJ, Cagnin S, Chemello F, Silvestrin M, Musaro A, **De Pitta C***, Lanfranchi G*, Sandri M*. Involvement of microRNAs in the regulation of muscle wasting during catabolic conditions. *J Biol Chem.* 2014; **289**(32):21909-25. [*co-corresponding authors]
I.F. 2014: **4.573**; ISI category: Biochemistry Molecular Biology; Ranking 2014: 61/290 Q1.
29. Martini P, Sales G, Brugiolo M, Gandaglia A, Naso F, **De Pittà C**, Spina M, Gerosa G, Chemello F, Romualdi C, Cagnin S, Lanfranchi G. Tissue-specific expression and regulatory networks of pig microRNAome. *PLoS One.* 2014; **9**(4):e89755.
I.F. 2014: **3.234**; ISI category: Multidisciplinary Sciences; Ranking 2014: 9/57 Q1.
30. Da-Ré C, **De Pittà C**, Zordan MA, Teza G, Nestola F, Zeviani M, Costa R, Bernardi P. UCP4C mediates uncoupled respiration in larvae of *Drosophila melanogaster*. *EMBO Rep.*; **15**(5):586-91. doi: 10.1002/embr.201337972.
I.F. 2014: **9.055**; ISI category: Biochemistry Molecular Biology; Ranking 2014: 22/290 Q1.
31. Da-Rè C, Franzolin E, Biscontin A, Piazzesi A, Pacchioni B, Gagliani MC, Mazzotta G, Tacchetti C, Zordan MA, Zeviani M, Bernardi P, Bianchi V, **De Pittà C***, Costa R*. Functional characterization of drim2, the *Drosophila melanogaster* homolog of the yeast mitochondrial deoxynucleotide transporter. *J Biol Chem.* 2014; **289**(11):7448-59. [*co-corresponding authors]
I.F. 2014: **4.573**; ISI category: Biochemistry Molecular Biology; Ranking 2014: 61/290 Q1.
32. Di Francesco A*, **De Pittà C***, Moret F, Barbieri V, Celotti L, Mognato M. The DNA-damage response to γ -radiation is affected by miR-27a in A549 cells. *Int J Mol Sci.* 2013; **14**(9):17881-96. [*equally contributed authors]
I.F. 2013: **2.339**; ISI category: Chemistry, Multidisciplinary; Ranking 2013: 52/148 Q2.
33. **De Pittà C**, Biscontin A, Albiero A, Sales G, Millino C, Mazzotta GM, Bertolucci C, Costa R. The Antarctic krill *Euphausia superba* shows diurnal cycles of transcription under natural conditions. *PLoS One.* 2013; **8**(7):e68652.
I.F. 2013: **3.534**; ISI category: Multidisciplinary Sciences; Ranking 2013: 8/55 Q1.
34. Pincini A, Tornillo G, Orso F, Sciortino M, Bisaro B, Leal Mdel P, Lembo A, Brizzi MF, Turco E, **De Pittà C**, Provero P, Medico E, Defilippi P, Taverna D, Cabodi S. Identification of p130Cas/ErbB2-dependent invasive signatures in transformed mammary epithelial cells. *Cell Cycle.* 2013; **12**(15):2409-22.
I.F. 2013: **5.006**; ISI category: Cell Biology; Ranking 2013: 51/185 Q1.
35. Montagnese S, **De Pittà C**, De Rui M, Corrias M, Turco M, Merkel C, Amodio P, Costa R, Skene DJ, Gatta A. Sleep-wake abnormalities in patients with cirrhosis. *Hepatology.* 2014; **59**(2):705-12.
I.F. 2014: **11.055**; ISI category: Gastroenterology & Hepatology; Ranking 2014: 5/76 Q1.
36. Cimino D*, **De Pittà C***, Orso F, Zampini M, Casara S, Penna E, Quagliano E, Forni M, Damasco C, Pinatel E, Ponzone R, Romualdi C, Briskin C, De Bortoli M, Biglia N, Provero P, Lanfranchi G, Taverna D. miR148b is a major coordinator of breast cancer progression in a relapse-associated microRNA signature by targeting ITGA5, ROCK1, PIK3CA, NRAS, and CSF1. *FASEB J.* 2013; **27**(3):1223-35. [*equally contributed authors]
I.F. 2013: **5.480**; ISI category: Biochemistry Molecular Biology; Ranking 2013: 47/291 Q1.

37. Girardi C*, **De Pittà C***, Casara S, Sales G, Lanfranchi G, Celotti L, Mognato M. Analysis of miRNA and mRNA expression profiles highlights alterations in ionizing radiation response of human lymphocytes under modeled microgravity. *PLoS One*. 2012; **7**(2):e31293. [*equally contributed authors].
I.F. 2012: **3.730**; ISI category: Multidisciplinary Sciences; Ranking 2012: 7/56 Q1.
38. Tombolan L, Orso F, Guzzardo V, Casara S, Zin A, Bonora M, Romualdi C, Giorgi C, Bisogno G, Alaggio R, Pinton P, **De Pittà C**, Taverna D, Rosolen A, Lanfranchi G. High IGFBP2 expression correlates with tumor severity in pediatric rhabdomyosarcoma. *Am J Pathol*. 2011; **179**(5):2611-24.
I.F. 2011: **4.890**; ISI category: Pathology; Ranking 2011: 6/79 Q1.
39. Penna E, Orso F, Cimino D, Tenaglia E, Lembo A, Quaglino E, Polisenò L, Haimovic A, Osella-Abate S, **De Pittà C**, Pinatel E, Stadler MB, Provero P, Bernengo MG, Osman I, Taverna D. microRNA-214 contributes to melanoma tumour progression through suppression of TFAP2C. *EMBO J*. 2011; **30**(10):1990-2007.
I.F. 2011: **9.205**; ISI category: Biochemistry Molecular Biology; Ranking 2011: 21/290 Q1.
40. Biscontin A, Casara S, Cagnin S, Tombolan L, Rosolen A, Lanfranchi G, **De Pittà C**. New miRNA labeling method for bead-based quantification. *BMC Mol Biol*. 2010; **11**:44.
I.F. 2010: **3.188**; ISI category: Biochemistry Molecular Biology; Ranking 2010: 122/286 Q2.
41. Mazzotta GM, **De Pittà C**, Benna C, Tosatto SC, Lanfranchi G, Bertolucci C, Costa R. A cry from the krill. *Chronobiol Int*. 2010; **27**(3):425-45.
I.F. 2010: **5.576**; ISI category: Physiology; Ranking 2010: 6/78 Q1.
42. Venier P*, **De Pittà C***, Bernante F, Varotto L, De Nardi B, Bovo G, Roch P, Novoa B, Figueras A, Pallavicini A, Lanfranchi G. MytiBase: a knowledgebase of mussel (*M. galloprovincialis*) transcribed sequences. *BMC Genomics*. 2009; **10**:72. [*equally contributed authors]
I.F. 2009: **3.759**; ISI category: Biotechnology & Applied Microbiology; Ranking 2009: 28/152 Q1
43. **De Pittà C**, Bertolucci C, Mazzotta GM, Bernante F, Rizzo G, De Nardi B, Pallavicini A, Lanfranchi G, Costa R. Systematic sequencing of mRNA from the Antarctic krill (*Euphausia superba*) and first tissue specific transcriptional signature. *BMC Genomics*. 2008; **9**:45.
I.F. 2008: **3.926**; ISI category: Biotechnology & Applied Microbiology; Ranking 2008: 24/144 Q1
44. Romualdi C, **De Pittà C**, Tombolan L, Bortoluzzi S, Sartori F, Rosolen A, Lanfranchi G. Defining the gene expression signature of rhabdomyosarcoma by meta-analysis. *BMC Genomics*. 2006; **7**:287.
I.F. 2006: **4.029**; ISI category: Biotechnology & Applied Microbiology; Ranking 2006: 20/140 Q1.
45. Venier P*, **De Pittà C***, Pallavicini A, Marsano F, Varotto L, Romualdi C, Dondero F, Viarengo A, Lanfranchi G. Development of mussel mRNA profiling: Can gene expression trends reveal coastal water pollution? *Mutat Res*. 2006; **602**(1-2):121-34. [*equally contributed authors]
I.F. 2006: **6.761**; ISI category: Genetics & Heredity; Ranking 2006: 35/131 Q1.
46. **De Pittà C**, Tombolan L, Albiero G, Sartori F, Romualdi C, Jurman G, Carli M, Furlanello C, Lanfranchi G, Rosolen A. Gene expression profiling identifies potential relevant genes in alveolar rhabdomyosarcoma pathogenesis and discriminates *PAX3-FKHR* positive and negative tumors. *Int J Cancer*. 2006; **118**(11):2772-81.
I.F. 2006: **4.693**; ISI category: Oncology; Ranking 2006: 27/127 Q1.
47. **De Pittà C**, Tombolan L, Campo Dell'Orto M, Accordi B, te Kronnie G, Romualdi C, Vitulo N, Basso G, Lanfranchi G. A leukemia-enriched cDNA microarray platform identifies new transcripts with relevance to the biology of pediatric acute lymphoblastic leukemia. *Haematologica*. 2005; **90**(7):890-8.
I.F. 2005: **4.545**; ISI category: Hematology; Ranking 2005: 10/60 Q1.

48. Campanaro S, Romualdi C, Fanin M, Celegato B, Pacchioni B, Trevisan S, Laveder P, **De Pittà C**, Pegoraro E, Hayashi YK, Valle G, Angelini C, Lanfranchi G. Gene expression profiling in dysferlinopathies using a dedicated muscle microarray. *Hum Mol Genet.* 2002; **11**(26):3283-98.
I.F. 2002: **8.726**; ISI category: Genetics & Heredity; Ranking 2002: 10/115 Q1.
49. Laveder P, **De Pittà C**, Toppo S, Valle G, Lanfranchi G. A two-step strategy for constructing specifically self-subtracted cDNA libraries. *Nucleic Acids Res.* 2002; **30**(9):e38.
I.F. 2002: **7.051**; ISI category: Biochemistry & Molecular Biology; Ranking 2002: 25/266 Q1.

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Padova, February 7th, 2023



Cristiano De Pittà