

NATIONAL SCIENTIFIC QUALIFICATION

05/I1 – GENETICS (GENETICA)	as Associate Professor in the Italian higher education system, for the disciplinary field of 05/I1 - <i>Genetics</i> , according to the national classification	2024 – 2035
05/F1 – EXPERIMENTAL BIOLOGY (BIOLOGIA APPLICATA)	as Associate Professor in the Italian higher education system, for the disciplinary field of 05/F - <i>Experimental biology</i> , according to the national classification	2023 – 2034
05/E2 – MOLECULAR BIOLOGY (BIOLOGIA MOLECOLARE)	as Associate Professor in the Italian higher education system, for the disciplinary field of 05/E - <i>Molecular biology</i> , according to the national classification	2023 – 2034

EDUCATION

PhD in Genetics and Molecular Biology	Sapienza University of Rome: “Functional studies on the evolutionary conserved Bucentaur (BCNT) protein family”. Supervisor: Prof Patrizio Dimitri	2014
Laurea Magistrale (equivalent MRes) in Biomolecular Sciences	University of Turin: “PKA mediates the release of nitrogen monoxide and Ca++ signals induced by arachidonic acid in tumour endothelial cells”. Supervisor: Dr Alessandra Fiorio Pla	2010
Laurea Triennale (equivalent BSc) in Biological Sciences	University of Catania: “Expression of human VDAC3 mitochondrial porin as photo-switchable fusion protein”. Supervisor: Prof Angela Messina	2007

POSTS HELD

Visiting Professor , Department of BBCE, Sapienza University of Rome	Jan 2024 – present
Assistant Professor (RTDa) , Department of BtBs, University of Milano-Bicocca	Apr 2023 – present
Research Associate , Department of BBCE, Sapienza University of Rome	Apr 2020 – Mar 2023
Research Fellow , Pasteur Institute, Sapienza University of Rome	Apr 2018 – Mar 2020
Research Associate , Institute of Molecular Life Sciences, University of Zurich	Mar 2017 – Mar 2018
Research Associate , Pasteur Institute, Sapienza University of Rome	Nov 2016 – Feb 2017
Research Associate , Department of Biochemistry, University of Liverpool	Jan – Oct 2016
Postdoctoral Fellow , Pasteur Institute, Sapienza University of Rome	Mar 2014 – Dec 2015
Borsista (Teresa Ariaudo Fellowship) – Istituto Pasteur (IT)	Apr 2014 – Mar 2015
Borsista – Istituto Pasteur (IT)	Nov 2013 – Mar 2014

RESEARCH APPOINTMENTS

Visiting research associate , University of Cambridge (UK) - Travelling fellowship	July – Dec 2015
Visiting PhD Fellow , National Cancer Research Center (CNIO), Madrid (ES)	May – Sep 2014
Visiting PhD Fellow , Federico II, University of Naples (IT)	June 2011
Master student , University of Turin (IT)	Sep 2008 – Jul 2010
Bachelor student , University of Catania (IT)	Jan – Jul 2007

HONOURS and AWARDS

Istituto Pasteur, Italy – ‘Teresa Ariaudo 2018’ Grant	Apr 2018 – Mar 2020
ABCD – Pre-Congress Travel Grant 2019	Sep 2019
Pasteur Institute, Italy – Post-Doctoral Fellowship	Apr – Dec 2015
Pasteur Institute, Italy – ‘Teresa Ariaudo’ Post-Doctoral Fellowship	Apr 2014 – Mar 2015
Company of Biologists – Travelling Fellowship	July 2014
Pasteur Institute, Italy – Research Fellowship	Nov 2013 – Mar 2014
MIUR – PhD Studentship	Nov 2010 – Oct 2013
University of Turin – Collaboration Fellowship	Jan – May 2009

COURSE ATTENDANCE

Genetics School of Cortona ‘Mario Polsinelli: The ancient DNA revolution: from the initial attempts to the Nobel Prize’, Cortona (AR, IT)	2023
Genetics School of Cortona “Sistemi modello come strumento di analisi genetica”, Cortona (AR, IT)	2022
Proteomics School, CEINGE, Naples (NA, IT)	2020
Genetics School of Cortona, Course in Cytogenetics and molecular Cytogenomics, Cortona (AR, IT)	2018

TEACHING EXPERIENCE

Teacher – Genetics (10603012) for bachelor’s students – Sapienza, University of Rome (IT)	2024 – present
Teacher – Integrated chemical-biological laboratory (E1301Q084) for bachelor’s students – University of Milano-Bicocca (IT)	2023 – present

Object Expert – <i>Genetics</i> (BIO/18)	2018 – 2023
Trainer – <i>Genetics</i> (1020289) for bachelor's students – Sapienza University of Rome (IT)	2018 – 2023
Examiner – <i>Genetics</i> (1020289) for bachelor's students – Sapienza University of Rome (IT)	2018 – 2023
Co-Instructor – <i>Developmental Biology</i> for bachelor's students – University of Zurich (CH)	2017
Co-Instructor – <i>Developmental Genetics</i> to Master students – University of Liverpool (UK)	2016
Trainer – <i>Genetics</i> (1020289) for bachelor's students – Sapienza University of Rome (IT)	2011 – 2015
Examiner – <i>Genetics</i> (1020289) for bachelor's students – Sapienza University of Rome (IT)	2011 – 2015
Trainer – <i>Structural and Functional Genomics of Animal Systems</i> (1035090) for masters' students – Sapienza University of Rome (IT)	2011 – 2015
Examiner – <i>Structural and Functional Genomics of Animal Systems</i> (1035090) for masters' students – Sapienza University of Rome (IT)	2011 – 2015
Trainer – <i>Biochemistry</i> (S8093) for masters' students – University of Turin (IT)	2009

ISTITUTIONAL ACTIVITY

Bachelor's Degree Final Exam committee board member – course in <i>Biotechnology</i> (E0201Q), University of Milano-Bicocca (IT)	2024 – present
Programme committee board member – course in <i>Molecular Biology, Medicinal Chemistry and Computer Science for Pharmaceutical Applications</i> (31776), Sapienza University of Rome (IT)	2024 – present
Educational Area committee board member – course in <i>Molecular Biology, Medicinal Chemistry and Computer Science for Pharmaceutical Applications</i> (31776), Sapienza University of Rome (IT)	2024 – present
Examination board member – <i>Integrated chemical-biological laboratory</i> (E1301Q084) for Biological Sciences students – University of Milano-Bicocca (IT)	2023 – present
Department board member – <i>Biotechnology e Biosciences (BtBs)</i> , University of Milano-Bicocca (IT)	2023 – present
Didactical committee board member – course in <i>Biological Sciences</i> (E1301Q), University of Milano-Bicocca (IT)	2023 – present
Object expert – <i>Genetics</i> (BIO/18) - Sapienza, University of Rome	2018 – 2023
Examination board member – <i>Genetics</i> (1020289) for bachelor students – Sapienza University of Rome (IT)	2018 – 2023
Examination board member – <i>Genetics</i> (1020289) for bachelor students – Sapienza University of Rome (IT)	2011 – 2015
Examination board member – <i>Structural and Functional Genomics of Animal Systems</i> (1035090) for master' students – Sapienza University of Rome (IT)	2011 – 2015

MENTORING AND SUPERVISION

As co-supervisor (from 2012)

Leonardo Vitale , Master student, Sapienza University of Rome (IT)	2024 – present
Diego Ferreri , PhD student, Sapienza University of Rome (IT)	2023 – present
Megi Paja , Bachelor student, Sapienza University of Rome (IT)	2023 – present
Dennisa Ioana Marginean , Bachelor student, Sapienza University of Rome (IT)	2023 – present
Maria Virginia Santopietro , PhD student, Sapienza University of Rome (IT)	2022 – present
Livio Pallotta , Bachelor student, Sapienza University of Rome (IT)	2023 – 2024
Marta Longo , Master student, Sapienza University of Rome (IT)	2022 – 2024
Riccardo Manuel La Rosa , Bachelor student, Sapienza University of Rome (IT)	2022 – 2024
Mario Loria , Master student, Sapienza University of Rome (IT)	2021 – 2024
Mercuri Alice , Bachelor student, University of Milano-Bicocca (IT)	2024
Francesca Casadei , Bachelor student, Sapienza University of Rome (IT)	2023
Leonardo Vitale , Bachelor student, Sapienza University of Rome (IT)	2023
Federica Iorio , Master student, Sapienza University of Rome (IT)	2022 – 2023
Diego Ferreri , Master student, Sapienza University of Rome (IT)	2022 – 2023
Sofia Marchetta , Master student, Sapienza University of Rome (IT)	2021 – 2023
Greta Bizzocchi , Master student, Sapienza University of Rome (IT)	2021 – 2023
Yuri Prozzillo , PhD student, Sapienza University of Rome (IT)	2019 – 2023
*Vittoria Di Clemente , Bachelor student, Sapienza University of Rome (IT)	2022
*Wiktor Denkiewicz , Bachelor student, Sapienza University of Rome (IT)	2022
Francesca Pico , Bachelor student, Sapienza University of Rome (IT)	2022
Simone Saleme , Master student, Sapienza University of Rome (IT)	2021 – 2022
Marika De Cave Lozzi , Bachelor student, Sapienza University of Rome (IT)	2020
Silvia De Cave Lozzi , Bachelor student, Sapienza University of Rome (IT)	2020
Chiara De Gregorio , Bachelor student, Sapienza University of Rome (IT)	2020
Maria Virginia Santopietro , Master student, Sapienza University of Rome (IT)	2020 – 2021
Gaia Fattorini , Master student, Sapienza University of Rome (IT)	2020 – 2021
Merve Sali , Master student, Sapienza University of Rome (IT)	2020 – 2021

*Mario Lorìa , Bachelor student, Sapienza University of Rome (IT)	2021
Aurora Bonesi , Bachelor student, Sapienza University of Rome (IT)	2021
Lorenzo Aloise , Bachelor student, Sapienza University of Rome (IT)	2021
Isabella Assante , Bachelor student, Sapienza University of Rome (IT)	2020
Luigi Angelucci , Bachelor student, Sapienza University of Rome (IT)	2020
Claudia Spagnoli , Bachelor student, Sapienza University of Rome (IT)	2020
Gaia Fattorini , Bachelor student, Sapienza University of Rome (IT)	2019
Maria Virginia Santopietro , Bachelor student, Sapienza University of Rome (IT)	2019
Daniele Testa , Bachelor student, Sapienza University of Rome (IT)	2019
Clelianna Giannicola , Bachelor student, Sapienza University of Rome (IT)	2019
Yuri Prozzillo , Master student, Sapienza University of Rome (IT)	2018 – 2019
Stefano Cuticone , Master student, Sapienza University of Rome (IT)	2018 – 2019
Diego Ferreri , Bachelor student, Sapienza University of Rome (IT)	2018
Francesca Delle Monache , PhD student, Sapienza University of Rome (IT)	2017 – 2020
Yuri Prozzillo , Bachelor student, Sapienza University of Rome (IT)	2013
Maria Teresa Atterrato , Master student, Sapienza University of Rome (IT)	2012
* Assistant Supervisor	

EDITORIAL ACTIVITY

Guest Editor <i>Special Issue</i> in ‘Cells’ intitolato “ <i>Molecular Mechanisms of Cell Division and Chromosome Segregation: What Can Go Wrong?</i> ”	2022 – present
Associate Editor European Journal of Medicinal Chemistry	2020 – present
Guest Editor <i>Special Issue</i> in ‘Biology’ intitolato “Targeted Degradation for Protein Function Studies”	2020
Associate Editor for <i>Frontiers in Genetics</i> and <i>Frontiers in Cell and Developmental Biology</i>	2019 - present
Editor <i>PlosONE</i>	2018 - present
Guest Editor <i>American Journal of Molecular Biology</i>	2017 – present
Reviewer (riviste):	2017
<i>American Journal of Molecular Biology</i>	
<i>BioEssay</i>	
<i>Biology</i>	
<i>Bioscience Reports</i>	
<i>BMC Genomics</i>	
<i>Cells</i>	
<i>Cellular & Molecular Biology Letters (BMC)</i>	
<i>European Journal of Medicinal Chemistry</i>	
<i>Frontiers</i>	
<i>Genes</i>	
<i>Genetics</i>	
<i>International Journal of Molecular Science</i>	
<i>Insects</i>	
<i>JoVE</i>	
<i>Molecular Genetics and Metabolism</i>	
<i>Molecules</i>	
<i>Journal of Cell Science</i>	
<i>Open Journal of Genetics</i>	
<i>PlosONE</i>	

GRANT REVIEWING ACTIVITY

BBSRC UK Research and Innovation BBSRC	2024 – present
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PROFESSIONAL SOCIETY MEMBERSHIPS

Italian Proteomics Association (ItPA)	since 2019
Associazione di Biologia Cellulare e del Differenziamento (ABCD)	since 2019
International Association for Italian Researchers (AIRI)	since 2014
Italian Society of Biochemistry (SIB)	since 2014

FUNDINGS

Date	Funder	Title	Role	Value (€)
2022-2023	Sapienza Università di Roma	Identification of KAT5 acetyltransferase targets during cell division	Principal Investigator	
2021-2022	Sapienza Università di Roma	Crosstalk between KAT5 acetyltransferase and cytokinesis regulators in preventing cell division failure and genetic instability	Principal Investigator	
2018 – 2020	Istituto Pasteur	Unmasking the encrypted role of dTip60 chromatin remodeling complex in cell division	Principal Investigator	
2019 - 2022	Miur – PRIN 2017	Microtubule and centrosome dynamics, from Omics to neurodevelopmental disorders of Central Nervous System	Collaborator	
2015 – 2017	Istituto Pasteur	Role of ATP-dependent chromatin remodeling complexes in midbody formation and cytokinesis	Collaborator	
2015 – 2016	Sapienza Università di Roma	Evolutionary and functional study of genes involved in craniofacial development in humans	Collaborator	
2012 – 2014	Fondazione Roma	Drosophila melanogaster as model organism to study the human protein CFDP1 and its involvement in craniofacial diseases	Collaborator	
2012 – 2014	Sapienza Università di Roma	The Cfdp1 gene and craniofacial development: from genetics to clinics	Collaborator	
2010 – 2013	Istituto Pasteur	Functional analysis of CG40218, a Drosophila melanogaster gene encoding a BCNT-like protein required for chromosome organization	Collaborator	

LANGUAGE SKILLS

ITALIANO: Mother tongue

	Comprehension		Speaking		Writing	
INGLESE	C2	C2	C2	C2	C2	C2
SPAGNOLO	A1	A1	A1	A1	A1	A1
Levels: A1/A2: Basic user - B1/B2: Intermediate user - C1/C2: Advanced user Common European Framework of Reference for Languages						

TALKS/POSTERS at CONFERENCES and SYMPOSIA

Invitation as Speaker

- 2022 - FISV2022 Congress**, Portici of Naples (NA), 14-16 September 2022
Oral presentation: “Evolutionary conserved relocation of chromatin remodeling complexes to the mitotic apparatus: a new class of moonlighting proteins preventing genetic instability” - Section “Genetics, Epigenetics and Chromosome Biology” [first author]
Poster 1: “Beyond chromatin remodeling: evolutionary conserved roles of Drosophila melanogaster Tip60 complex in cell division” [first author - Speaker: Dr. Maria Virginia Santopietro]
Poster 2: “Adaptation of dTAG system in Drosophila melanogaster [first author - Speaker: Dr. Yuri Prozzillo]
- 2019 - ABCD Congress**, Bologna (BO), 19-21 September 2019
Poster 1: “Evolutionary conserved recruitment of ATP-dependent chromatin remodeling complexes to mitotic apparatus prevents failure of mitosis and genome instability” [first author]
Poster 2: “Unmasking the role of Drosophila Tip60 chromatin remodelling complex in male meiosis and spermatogenesis” – [last author]
- 2019 - 14th International Conference on Drosophila Heterochromatin**. Spoleto (PG), 9-15 June 2019
Oral presentation: “Elucidating the role of ATP-dependent chromatin remodelling complexes in mitosis” [first author]
- 2019 - AGI-SIMAG Congress**, Cortona (AR), 26-28 September 2019

Poster: "A New Portrait of Constitutive Heterochromatin: Lessons from *Drosophila melanogaster*"

5. **2018 - XIX Italian Drosophila Research Conference**, Padua (PD), 20-22 June 2018
Oral presentation: "Unmasking the encrypted role of dTip60 chromatin remodeling complex in cell division" [last author]
6. **2013 - National Congress of the Italian Genetics Association (AGI)**, Cortona (AR), 25-27 September 2013
Oral presentation: "The epigenetic role of Bucentaur (BCNT) protein family" [first author]
7. **2013 - 11th International Conference on Drosophila Heterochromatin**, Lecce (LE), 23-29 June 2013
Oral presentation: "The epigenetic role of Bucentaur (BCNT) protein family in *Drosophila*" [first author]
8. **2012 - XVI Italian Drosophila Congress**, Palermo (PA), 1-3 October 2012
Oral presentation: "Heterochromatic genes encode for essential proteins in *Drosophila melanogaster*"
9. **2012 - 12th FISV Congress**, Roma (RM), 24-27 September 2012
10. **2011 - Joint Meeting AGI-SIBV-SIGA Assisi** (PG), 19-22 September 2011
Oral presentation: The Yeti gene of *Drosophila melanogaster* encodes a BCNT protein required for chromosome organization" [first author]
Oral presentation: "YETI and CFDP1: two related proteins required for chromatin organization" [first author]
11. **2011 - 10th International Conference on Drosophila Heterochromatin**, Gubbio (PG), 12-18 June 2011
Oral presentation: "The YETI gene: from *Drosophila melanogaster* heterochromatin to human craniofacial development"

BIBLIOMETRY

<https://www.scopus.com/authid/detail.uri?authorId=56192225100>

N = 20 from 2014 (academic ages= 10 years)

H-index = 10

Citations = 487

IF (average) = 6.28

PUBLICATIONS

(* = equal contribution; ¹ = co-corresponding)

- 1- Prozzillo Y, Santopietro MV, **Messina G¹**, Dimitri P. Unconventional roles of chromatin remodelers and long non-coding RNAs in cell division. *Cell Mol Life Sci.* 2023 Nov 20;80(12):365. doi: 10.1007/s00018-023-04949-8. PMID: 37982870; PMCID: PMC10661750.
- 2- Li P, **Messina G**, Lehner CF. Nuclear elongation during spermiogenesis depends on physical linkage of nuclear pore complexes to bundled microtubules by *Drosophila* Mst27D. *PLoS Genet.* 2023 Jul 10;19(7):e1010837. doi: 10.1371/journal.pgen.1010837. PMID: 37428798; PMCID: PMC10359004.
- 3- Prozzillo Y¹, Fattorini G, Ferreri D, Leo M, Dimitri P, **Messina G**. Knockdown of DOM/Tip60 Complex Subunits Impairs Male Meiosis of *Drosophila melanogaster*. *Cells.* 2023 May 9;12(10):1348. doi: 10.3390/cells12101348. PMID: 37408183; PMCID: PMC10216235.
- 4- **Messina G**, Celauro E*, Marsano RM*, Prozzillo Y*, Dimitri P. Epigenetic Silencing of P-Element Reporter Genes Induced by Transcriptionally Active Domains of Constitutive Heterochromatin in *Drosophila melanogaster*. *Genes (Basel).* 2023 Dec 21;14(1):12. doi: 10.3390/genes14010012. PMID: 36672753; PMCID: PMC9858095.
- 5- **Messina G¹**, Prozzillo Y, Bizzocchi G, Marsano RM, Dimitri P. The Green Valley of *Drosophila melanogaster* Constitutive Heterochromatin: Protein-Coding Genes Involved in Cell Division Control. *Cells.* 2022 Sep 29;11(19):3058. doi: 10.3390/cells11193058. PMID: 36231024; PMCID: PMC9563267.
- 6- **Messina G^{1*}**, Prozzillo Y*, Delle Monache FD, Santopietro MV, Dimitri P. Evolutionary conserved relocation of chromatin remodeling complexes to the mitotic apparatus. *BMC Biol.* 2022 Aug 3;20(1):172. doi: 10.1186/s12915-022-01365-5. PMID: 35922843; PMCID: PMC9351137.
- 7- **Messina G¹**, Prozzillo Y, Delle Monache F, Santopietro MV, Atterato MT, Dimitri P. The ATPase SRCAP is associated with the mitotic apparatus, uncovering novel molecular aspects of Floating-Harbor syndrome. *BMC Biol.* 2021 Sep 2;19(1):184. doi: 10.1186/s12915-021-01109-x. PMID: 34474679; PMCID: PMC8414691.
- 8- Prozzillo Y, Cuticone S, Ferreri D, Fattorini G, **Messina G¹**, Dimitri P. In Vivo Silencing of Genes Coding for dTip60 Chromatin Remodeling Complex Subunits Affects Polytene Chromosome Organization and Proper Development in *Drosophila melanogaster*. *Int J Mol Sci.* 2021 Apr 26;22(9):4525. doi: 10.3390/ijms22094525. PMID: 33926075; PMCID: PMC8123692.
- 9- Prozzillo Y¹ and **Messina G**. Expanding dTAG toolkit to *Drosophila melanogaster*. *Am J Biomed Sci & Res.* 2021 - 11(5). AJBSR.MS.ID.001662.
- 10- Prozzillo Y, Fattorini G, Santopietro MV, Suglia L, Ruggiero A, Ferreri D, **Messina G**. Targeted Protein Degradation Tools: Overview and Future Perspectives. *Biology (Basel).* 2020 Nov 26;9(12):421. doi: 10.3390/biology9120421. PMID: 33256092; PMCID: PMC7761331.
- 11- Marsano RM, Giordano E, **Messina G**, Dimitri P. A New Portrait of Constitutive Heterochromatin: Lessons from *Drosophila melanogaster*. *Trends Genet.* 2019 Sep;35(9):615-631. doi: 10.1016/j.tig.2019.06.002. Epub 2019 Jul

15. Erratum in: Trends Genet. 2020 Dec;36(12):1000. PMID: 31320181.
- 12- Prozzillo Y, Delle Monache F, Ferreri D, Cuticone S, Dimitri P, **Messina G**. The True Story of Yeti, the "Abominable" Heterochromatic Gene of *Drosophila melanogaster*. Front Physiol. 2019 Aug 22;10:1093. doi: 10.3389/fphys.2019.01093. PMID: 31507454; PMCID: PMC6713933.
- 13- **Messina G**¹, Atterrato MT, Prozzillo Y, Piacentini L, Losada A, Dimitri P. The human Cranio Facial Development Protein 1 (Cfdp1) gene encodes a protein required for the maintenance of higher-order chromatin organization. Sci Rep. 2017 Apr 3;7:45022. doi: 10.1038/srep45022. PMID: 28367969; PMCID: PMC5377257.
- 14- Jonchère V, Alqadri N, Herbert J, Dodgson L, Mason D, **Messina G**, Falciani F, Bennett D. Transcriptional responses to hyperplastic MRL signalling in *Drosophila*. Open Biol. 2017 Feb;7(2):160306. doi: 10.1098/rsob.160306. PMID: 28148822; PMCID: PMC5356444.
- 15- Taylor E, Alqadri N, Dodgson L, Mason D, Lyulcheva E, **Messina G**, Bennett D. MRL proteins cooperate with activated Ras in glia to drive distinct oncogenic outcomes. Oncogene. 2017 Jul 27;36(30):4311-4322. doi: 10.1038/onc.2017.68. Epub 2017 Mar 27. PMID: 28346426; PMCID: PMC5537612.
- 16- **Messina G**, Atterrato MT, Dimitri P. When chromatin organisation floats astray: the Srcap gene and Floating-Harbor syndrome. J Med Genet. 2016 Dec;53(12):793-797. doi: 10.1136/jmedgenet-2016-103842. Epub 2016 Apr 26. PMID: 27208210.
- 17- **Messina G**, Atterrato MT, Fanti L, Giordano E, Dimitri P. Expression of human Cfdp1 gene in *Drosophila* reveals new insights into the function of the evolutionarily conserved BCNT protein family. Sci Rep. 2016 May 6;6:25511. doi: 10.1038/srep25511. PMID: 27151176; PMCID: PMC4858687.
- 18- **Messina G**, Celauro E, Atterrato MT, Giordano E, Iwashita S, Dimitri P. The Bucantaur (BCNT) protein family: a long-neglected class of essential proteins required for chromatin/chromosome organization and function. Chromosoma. 2015 Jun;124(2):153-62. doi: 10.1007/s00412-014-0503-8. Epub 2014 Dec 31. PMID: 25547403.
- 19- Hoskins RA, Carlson JW, Wan KH, Park S, Mendez I, Galle SE, Booth BW, Pfeiffer BD, George RA, Svirskas R, Krzywinski M, Schein J, Accardo MC, Damia E, **Messina G**, Méndez-Lago M, de Pablos B, Demakova OV, Andreyeva EN, Boldyreva LV, Marra M, Carvalho AB, Dimitri P, Villasante A, Zhimulev IF, Rubin GM, Karpen GH, Celniker SE. The Release 6 reference sequence of the *Drosophila melanogaster* genome. Genome Res. 2015 Mar;25(3):445-58. doi: 10.1101/gr.185579.114. Epub 2015 Jan 14. PMID: 25589440; PMCID: PMC4352887.
- 20- **Messina G**, Damia E, Fanti L, Atterrato MT, Celauro E, Mariotti FR, Accardo MC, Walther M, Verni F, Picchioni D, Moschetti R, Caizzi R, Piacentini L, Cenci G, Giordano E, Dimitri P. Yeti, an essential *Drosophila melanogaster* gene, encodes a protein required for chromatin organization. J Cell Sci. 2014 Jun 1;127(Pt 11):2577-88. doi: 10.1242/jcs.150243. Epub 2014 Mar 20. PMID: 24652835.

PAPER IN PREPARATION

- Prozzillo Y, Santopietro MV, Ferreri D, Dimitri P, **Messina G**. The evolutionary conserved p400/Tip60 chromatin remodeling complex: orchestrating harmony between epigenetics and cell division control. *Genetics. In preparation*

Milan, 12/07/2024
Giovanni Messina