

CECILIA BATTISTELLI
Curriculum Vitae

Place: Roma
Date: 04/11/2020

Part I – General Information

Full Name	Cecilia Battistelli
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Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	2008	Sapienza University of Rome	Biology (LS: Genetics and Molecular Biology), full marks and honors
Italian Biological Licensure (ESAME DI STATO)	2011	Sapienza University of Rome	
PhD	2012	Sapienza University of Rome	PhD in Human Biology and Genetics

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
01/05/2018	30/04/2021	Sapienza University of Rome	Ricercatore a tempo determinato (RTD) tipo A BIO13
18/09/2018	18/09/2027		Abilitazione Scientifica Nazionale 05/F1 II FASCIA
1/6/2017	30/04/2018	Sapienza University of Rome	Research Fellowship
1/4/2016	31/03/2017	Sapienza University of Rome	Research Fellowship
1/4/2015	31/03/2016	Sapienza University of Rome	Research Fellowship
1/4/2014	31/03/2015	Sapienza University of Rome	Research Fellowship
1/3/2013	28/02/2014	Sapienza University of Rome	Research Fellowship
1/1/2012	31/12/2012	Sapienza University of Rome	Research Fellowship

IIIB – Other Appointments

Start	End	Institution	Position
1/4/2017	31/05/2017	Pasteur Institute Italy- Cenci Bolognetti Foundation	Research Fellowship
1/1/2013	28/02/2013	Pasteur Institute Italy- Cenci Bolognetti Foundation	Research Fellowship
1/11/2011	31/12/2011	Pasteur Institute Italy- Cenci Bolognetti Foundation	Research Fellowship

Part IV – Teaching experience

Year	Institution	Lecture/Course
2018/2019	Sapienza University of Rome	Medicina e Chirurgia (canale C) Biologia e Genetica I, modulo di Biologia Cellulare (2cfu)
2018/2019	Sapienza University of Rome	Tecniche di Fisiopatologia Cardio-circolatoria e Perfusione Cardiovascolare Basi cellulari e molecolari della vita, modulo di Biologia Applicata (2cfu)
2018/2019	Sapienza University of Rome	Tecniche Ortopediche Scienze Biomediche I, modulo di Biologia (2cfu)
2019/2020	Sapienza University of Rome	Tecniche Ortopediche Scienze Biomediche I, modulo di Biologia (2cfu)
2019/2020	Sapienza University of Rome	Tecniche di Fisiopatologia Cardio-circolatoria e Perfusione Cardiovascolare Basi cellulari e molecolari della vita, modulo di Biologia Applicata (2cfu)
2019/2020	Sapienza University of Rome	Ostetricia Basi molecolari e cellulari della vita, modulo di Biologia applicata (2cfu)
2020/2021	Sapienza University of Rome	Tecniche Ortopediche Scienze Biomediche I, modulo di Biologia (2cfu)
2020/2021	Sapienza University of Rome	Tecniche di Fisiopatologia Cardio-circolatoria e Perfusione Cardiovascolare Basi cellulari e molecolari della vita, modulo di Biologia Applicata (2cfu)
2020/2021	Sapienza University of Rome	Ostetricia Basi molecolari e cellulari della vita, modulo di Biologia applicata (2cfu)

Supervision of thesis

2017/2018	Sapienza University of Rome, Facoltà di farmacia e Medicina, Corso di laurea in Biotecnologie	Tesi: Ruolo dello stretching meccanico nell'induzione della transizione epitelio-mesenchimale (EMT) nelle cellule peritoneali
2019/2020	Erasmus Degree Project Sapienza University of Rome and Universitat de Barcelona (Spain)	Exosome-mediated intercellular communication, the role of cellular RNA-binding proteins

Participation to Doctorate programmes

Sept.2019 /today	Sapienza University of Rome	PhD program in Human Biology and Medical Genetics
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Supervision of international PhD thesis

2020	Universität des Saarlandes (Germany)	Thesis: Design and synthesis of novel ligands for serotonin (5-HT ₆) receptor and inhibitors of ABCB1 efflux pump
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Part V - Society memberships

Year	Title
2015-today	ABCD (Associazione di Biologia Cellulare e del Differenziamento)
2018-today	Epigenetics Society
2013-2015	TEMTIA (The EMT International Association)
2020-today	EVIta (Extracellular Vesicle Italy)

Awards and Honors

Year	Title
2019	EVIta (Extracellular Vesicle Italy) award (best oral presentation)
2018	AIRC award at the AIBG (Associazione Italiana Biologia e Genetica) Congress (young investigator award)
2013	TEMTIA (The EMT International Association) award (young investigator award)
2012	IIM (Italian Institute of Myology) award (best oral presentation)
2012	SIBBM (Società Italiana Biofisica Biologia Molecolare) award (best oral presentation)
2011	EMBO award (young investigator award)
2010	Collegio Ghislieri award (young investigator award)

Editorial activity

2016-2017	Academic Editor “Mediators of Inflammation”
2017-2018	Academic Editor “Frontiers in Pharmacology”
2019-2020	Academic Editor “Frontiers in Pharmacology”
2020	Academic Editor “Biomedicine”
2020	Review Editor for the Cellular Biochemistry section of “Frontiers in Cell and Developmental Biology” and of “Frontiers in Molecular Biosciences”

Peer Review activity

Peer review activity for the following journals:

Cell death and Differentiation, Oncogene, Cancers, Sensors, Molecules, Molecular Cancer, International Journal of Molecular Sciences, Cancer Medicine, Experimental and Molecular Pathology, Cellular Physiology and Biochemistry, Clinics and Research in Hepatology and Gastroenterology, Cells, Cell communication and Signalling, International Journal of Cancer, Cell

Death and Disease, Gene, Genes, Pharmaceuticals, Oxidative Medicine and Cellular longevity, Cancer Gene Therapy, Frontiers in Cell and Developmental Biology, Cancer Cell International.

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2008	"Differenziamento miogenico e neuronale: fattori di regolazione". (I)	Ricerche UNIVERSITARIE (ex ricerche di ATENEO) codice C26A082MNW.	
2009-2011	Interplay between myogenic factors and cell cycle control. (I)	Istituto Pasteur – Fondazione Cenci Bolognetti	58000 €
2012-2014	Transcriptional regulation through long-range chromatin interactions in muscle cells: the CDKN1C-KCNQ1 locus. (I)	Istituto Pasteur – Fondazione Cenci Bolognetti	60000 €
2014-2016	Dissecting HNF4 α and Snail functions in hepatocyte reprogramming: role in liver cancer and fibrosis (I)	AIRC Investigator Grant n.IG14114	275000 €
2017-2019	Developing ncRNAs-based strategies to counteract epithelial tumour progression and metastasis (I)	AIRC Investigator Grant n.IG18843	285000 €
2019	Molecular strategies to antagonize the epithelial to mesenchymal transition (EMT) by interfering with the function of the lncRNA Hotair (I)	Ricerche UNIVERSITARIE (ex ricerche di ATENEO) codice RM11916B6A80C2CF	10740 €
2018	Study of tissue environmental cues inactivating the master regulator of hepatocyte differentiation, Hepatocyte Nuclear Factor 4, in liver diseases (I)	Ricerche UNIVERSITARIE (ex ricerche di ATENEO) codice RM1181643646188C	10000 €

Part VII – Research Activities

Keywords	Brief Description
Transcriptional factors	I am interested in molecular mechanisms controlling cell plasticity. In particular I focused my investigation in mechanisms controlling cell differentiation, epithelial-to-mesenchymal transition and tumour onset and dissemination. My collaborators and I elucidated the role of MyoD in the control of p57 (a cyclin-dependent kinase inhibitor) during muscle differentiation through the direct binding to the chromatin, and of CTCF in the reorganization of chromatin structure in the same phenomenon. In three recent studies, I projected, developed and then elucidated with my team members the role and regulation of a lncRNA, HOTAIR, in the progression of epithelial-to-mesenchymal transition. Specifically, I found that this lncRNA binds to the chromatin, together with the transcriptional factor Snail, in order to recruit chromatin modifiers on the promoters of epithelial genes. Then I focused on its transcriptional regulation, mainly mediated by another transcriptional factor, HNF4a, that binds to its promoter and enhancer and modifies a higher-order chromatin structure promoting HOTAIR transcription. More recently I designed a strategy to counteract HOTAIR function in epithelial-to-mesenchymal transition through an RNA-based approach counteracting HOTAIR-Snail interaction and chromatin modifications on the promoter regions of Snail-target epithelial
Cell plasticity	
Chromatin	
ncRNAs	
Cell differentiation	
Tumorigenesis	
Epithelial-to-mesenchymal transition	
Epigenetics	

genes.

I am presently involved in research projects related to the identification of RNA-binding proteins interacting with microRNAs and responsible for microRNAs loading inside extracellular vesicles, specifically into exosomes. In this scenario I am also investigating the role of epitranscriptomics in modulating microRNA-protein interaction both in epithelial-to-mesenchymal transition and during differentiation

Moreover, I have been implicated in the development and biological application of different epigenetic drugs able to modulate gene expression both in epithelial-to-mesenchymal transition and in tumorigenesis. With respect to this aspect, I focused on the use different inhibitors of chromatin modifiers (DNA methyltransferases, Histone deacetylases, Polycomb repressive complex 2) in order to verify whether they could restore epithelial cell features (and epithelial genes expression rescue) without affecting transcription factor binding to the promoters of several epithelial genes.

Scientific network:

Dr. Chiara Agrati, Istituto Nazionale per le Malattie Infettive "L.Spallanzani", Rome (INMI)

Prof. Andres Ramos, University College of London

Prof. Antonello Mai, Sapienza University of Rome

Prof. Frank J. Gonzalez, Center for Cancer Research, National Cancer Institute, Bethesda

Dr. Rosaria Benedetti, Università degli Studi della Campania "Luigi Vanvitelli, Naples

Prof. Miguel A. Del Pozo, Centro Nacional de Investigaciones Cardiovasculares Carlos III, Madrid

Prof. Manuel Lopez-Cabrera, Centro De Biología Molecular Severo Ochoa, Madrid

Prof. Jadwiga Handzlik, Jagiellonian University, Kraków, Poland

Prof. Claus Jacob, Universität des Saarlandes, Saarbrücken, Germany

Dr. Daniela Trisciuglio, Italian National Research Council, Rome (CNR)

Dr. Loredana Cifaldi, University of Rome Tor Vergata

Part VIII – Summary of Scientific Achievements (papers published from 2012 to 2020)

Product type	Number	Data Base	Start	End
Papers [international]	30	Scopus https://www.scopus.com/author/submit/profile.uri?authorId=55371458900	2012	2020
Papers [international]	3	Accepted for publication, in press	2020	2020
Papers [international]	31	Google Scholar https://scholar.google.it/citations?user=RTOf_14AAAAJ&hl=it&authuser=1&oi=ao	2012	2020

	Scopus*	Google Scholar *
Total Impact factor	170.788	170.788
Impact factor per product	5.175	5.175
First name products	11	11
Last name products	1	1
Corresponding author products	2	2
Total Citations	577	728
Average Citations per Product	17.485	22.06

Hirsch (H) index	11	13
Normalized H index**	0.917	1.083

All data were updated on 03/11/2020

*including accepted papers for bibliographic indices

**H index divided by the academic seniority.

Part IX– Selected Publications

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

	Number*
Papers [international]	20
Total Impact factor	122.432
Impact factor per product (average)	6.122
First name products	9
Last name products	1
Corresponding author products	2
Total Citations	537 (SCOPUS) 677 (SCHOLAR)
Average Citations per Product	26.85 (SCOPUS) 33.85 (SCHOLAR)

All data were updated on 03/11/2020

*including accepted papers for bibliographic indices

1) *MyoD regulates p57kip2 expression by interacting with a distant cis-element and modifying a higher order chromatin structure*

Authors: A. Busanello*, **C. Battistelli***, M. Carbone, C. Mostocotto and R. Maione

*First authors

Nucleic Acids Res.2012 Sep 1;40(17):8266-75. doi:10.1093/nar/gks619. Epub 2012 Jun 26.PMID: 22740650

Journal: **Nucleic Acids Research**; IF 2012: **8.278**; Citations (SCOPUS): **23** (SCHOLAR):**28**

2) *Functional interplay between MyoD and CTCF in regulating long-range chromatin interactions during differentiation*

Authors: **C. Battistelli**, A. Busanello and R. Maione

J Cell Sci. 2014 Sep 1;127(Pt 17):3757-67. doi: 10.1242/jcs.149427. Epub 2014 Jul 7.

PMID: 25002401 Journal: **Journal of Cell Science**; IF 2014: **5.432**; Citations (SCOPUS): **24** (SCHOLAR):**28**

3) *Epigenetic control of EMT/MET dynamics: HNF4a impacts DNMT3s through miRs-29*

Authors: C. Cicchini, V. de Nonno, **C. Battistelli**, A. M. Cozzolino, M. De Santis Puzzon, S. A. Ciafrè, C. Brocker, F. J. Gonzalez, L. Amicone, and M. Tripodi

Biochim Biophys Acta. 2015 Aug;1849(8):919-29. doi: 10.1016/j.bbagr.2015.05.005. Epub 2015 May 21. PMID: 26003733

Journal: **Biochimica et Biophysica Acta - Gene Regulatory Mechanisms**; IF 2015: **5.373**; Citations (SCOPUS): **36** (SCHOLAR):**45**

4) *Modulating the Substrate Stiffness to Manipulate Differentiation of Resident Liver Stem Cells and to Improve the Differentiation State of Hepatocytes*

Authors: A. M. Cozzolino, V. Noce, **C. Battistelli**, A. Marchetti, G. Grassi, C. Cicchini, M. Tripodi, and L. Amicone

Stem Cells Int. 2016;2016:5481493. doi: 10.1155/2016/5481493. Epub 2016 Jan 12. PMID: 27057172

Journal: **Stem Cells International**; IF 2016: **3.540**; Citations (SCOPUS): **34** (SCHOLAR):**47**

5) *Molecular Mechanisms Underlying Peritoneal EMT and Fibrosis*

Authors: R. Strippoli, R. Moreno-Vicente, **C. Battistelli**, C. Cicchini, V. Noce, L. Amicone, A. Marchetti, M. A. del Pozo, and M. Tripodi
Stem Cells Int. 2016;2016:3543678. doi: 10.1155/2016/3543678. Epub 2016 Jan 31. PMID: 26941801
Journal: **Stem Cells International**; IF 2016: **3.540**; Citations (SCOPUS): **54** (SCHOLAR):**69**

6) *The RNA-Binding Protein SYNCRIP Is a Component of the Hepatocyte Exosomal Machinery Controlling MicroRNA Sorting*

Authors: L. Santangelo, G. Giurato, C. Cicchini, C. Montaldo, C. Mancone, R. Tarallo, **C. Battistelli**, T. Alonzi, A. Weisz, and M. Tripodi
Cell Rep. 2016 Oct 11;17(3):799-808. doi: 10.1016/j.celrep.2016.09.031. PMID: 27732855
Journal: **Cell Reports**; IF 2016: **8.282**; Citations (SCOPUS): **164** (SCHOLAR):**207**

7) *A cross-talk between DNA methylation and H3 lysine 9 dimethylation at the KvDMR1 region controls the induction of Cdkn1c in muscle cells*

Authors: O. Andresini, A. Ciotti, M. N. Rossi, **C. Battistelli**, M. Carbone, and R. Maione
Epigenetics. 2016 Nov;11(11):791-803. doi: 10.1080/15592294.2016.1230576. Epub 2016 Sep 9. PMID: 27611768
Journal: **Epigenetics**; IF 2016: **4.394**; Citations (SCOPUS): **8** (SCHOLAR):**8**

8) *Functional Roles and Therapeutic Applications of Exosomes in Hepatocellular Carcinoma*

Authors: L. Santangelo, **C. Battistelli**, C. Montaldo, F. Citarella, R. Strippoli and C. Cicchini
Biomed Res Int. 2017;2017:2931813. doi: 10.1155/2017/2931813. Epub 2017 Feb 7. PMID: 28265569
Journal: **BioMed Research International**; IF 2017: **2.583**; Citations (SCOPUS): **20** (SCHOLAR):**25**

9) *The Snail repressor recruits EZH2 to specific genomic sites through the enrollment of the lncRNA HOTAIR in epithelial-to-mesenchymal transition*

Authors: **C. Battistelli**, C. Cicchini, L. Santangelo, A. Tramontano, L. Grassi, F. J. Gonzalez, V. de Nonno, G. Grassi, L. Amicone and M. Tripodi
Oncogene. 2017 Feb 16;36(7):942-955. doi: 10.1038/onc.2016.260. Epub 2016 Jul 25. PMID: 27452518
Journal: **Oncogene**; IF 2017: **6.854**; Citations (SCOPUS): **81** (SCHOLAR):**96**

10) *SMO inhibition modulates cellular plasticity and invasiveness in colorectal cancer*

Authors: P. Magistri*, **C. Battistelli***, R. Strippoli, N. Petrucciani, T. Pellinen, L. Rossi, L. Mangogna, P. Aurello, F. D'Angelo, M. Tripodi, G. Ramacciato and G. Nigri

*First authors

Front Pharmacol. 2018 Feb 2;8:956. doi: 10.3389/fphar.2017.00956. eCollection 2017. PMID: 29456503
Journal: **Frontiers in Pharmacology**; IF 2018: **3.831**; Citations (SCOPUS): **9** (SCHOLAR):**13**

11) *Hepatitis C virus direct-acting antivirals therapy impacts on extracellular vesicles microRNAs content and on their immunomodulating properties*

Authors: L. Santangelo, V. Bordoni, C. Montaldo, E. Cimini, A. Zingoni, **C. Battistelli**, G. D'Offizi, M. R. Capobianchi, A. Santoni, M. Tripodi and C. Agrati
Liver Int. 2018 Oct;38(10):1741-1750. doi: 10.1111/liv.13700. Epub 2018 Feb 24. PMID: 29359389
Journal: **Liver International**; IF 2018: **5.542**; Citations (SCOPUS): **8** (SCHOLAR):**13**

12) *A cryptic RNA-binding domain mediates Syncrip recognition and exosomal partitioning of miRNA targets*

Authors: F. Hobor, A. Dallmann, N. J. Ball, C. Cicchini, **C. Battistelli**, R. W. Ogradowicz, E. Christodoulou, S. R. Martin, A. Castello, M. Tripodi, I. A. Taylor and A. Ramos
Nat Commun. 2018 Feb 26;9(1):831. doi: 10.1038/s41467-018-03182-3. PMID: 29483512
Journal: **Nature Communications**; IF 2018: **11.878**; Citations (SCOPUS): **26** (SCHOLAR):**37**

13) HDAC1 inhibition by MS-275 in mesothelial cells limits cellular invasion and promotes MMT reversal

Authors: L. Rossi*, **C. Battistelli***, V. de Turreis, V. Noce, C. Zwergel, S. Valente, A. Moiola, A. Manzione, M. Palladino, V. Bordini, A. Domenici, P. Menè, A. Mai, M. Tripodi and R. Strippoli

*First authors

Sci Rep. 2018 May 31;8(1):8492. doi: 10.1038/s41598-018-26319-2. PMID: 29855565

Journal: **Scientific Reports**; IF 2018: **4.011**; Citations (SCOPUS): **4** (SCHOLAR):5

14) TGF β impairs HNF1 α functional activity in Epithelial-to-Mesenchymal Transition interfering with the recruitment of CBP/p300 acetyltransferases

Authors: F. Bisceglia*, **C. Battistelli***, V. Noce, C. Montaldo, A. Zammataro, R. Strippoli, M. Tripodi, L. Amicone and A. Marchetti

*First authors

Front Pharmacol. 2019 Aug 30;10:942. doi: 10.3389/fphar.2019.00942. eCollection 2019. PMID: 31543815

Journal: **Frontiers in Pharmacology**; IF 2019: **4.225**; Citations (SCOPUS): **0** (SCHOLAR):0

15) Development of alkyl glycerone phosphate synthase inhibitors: Structure-activity relationship and effects on ether lipids and epithelial-mesenchymal transition in cancer cells

Authors: G. Stazi*, **C. Battistelli***, V. Piano, R. Mazzone, B. Marrocco, S. Marchese, S. M. Louie, C. Zwergel, L. Antonini, A. Patsilnakos, R. Ragno, M. Viviano, G. Sbardella, A. Ciogli, G. Fabrizi, R. Cirilli, R. Strippoli, A. Marchetti, M. Tripodi, D. K. Nomura, A. Mattevi, A. Mai and S. Valente

*First authors

Eur J Med Chem. 2019 Feb 1;163:722-735. doi: 10.1016/j.ejmech.2018.11.050. Epub 2018 Nov 28. PMID: 30576903

Journal: **European Journal of Medicinal Chemistry**; IF 2019: **5.572**; Citations (SCOPUS): **3** (SCHOLAR):5

16) The lncRNA HOTAIR transcription is controlled by HNF4 α -induced chromatin topology modulation

Authors: **C. Battistelli**, G. Sabarese, L. Santangelo, C. Montaldo, F. J. Gonzalez, M. Tripodi and C. Cicchini
Cell Death Differ. 2019 May;26(5):890-901. doi: 10.1038/s41418-018-0170-z. Epub 2018 Aug 28. PMID: 30154449

Journal: **Cell Death and Differentiation**; IF 2019: **10.717**; Citations (SCOPUS): **38** (SCHOLAR):44

17) Identification of a novel quinoline-based DNA demethylating compound highly potent in cancer cells

Authors: C. Zwergel, M. Schnekenburger, F. Sarno, **C. Battistelli**, M. C. Manara, G. Stazi, R. Mazzone, R. Fioravanti, C. Gros, F. Ausseil, C. Florean, A. Nebbioso, R. Strippoli, T. Ushijima, K. Scotlandi, M. Tripodi, P. B. Arimondo, L. Altucci, M. Diederich, A. Mai and S. Valente

Clin Epigenetics. 2019 May 6;11(1):68. doi: 10.1186/s13148-019-0663-8. PMID: 31060628

Journal: **Clinical Epigenetics**; IF 2019: **5.028**; Citations (SCOPUS): **5** (SCHOLAR):7

18) Caveolin1 and YAP drive mechanically-induced mesothelial to mesenchymal transition and fibrosis

Authors: R. Strippoli, P. Sandoval, R. Moreno-Vicente, L. Rossi, **C. Battistelli**, M. Terri, L. Pascual-Antón, M. Loureiro, F. Matteini, E. Calvo, J. A. Jiménez-Heffernan, M. J. Gómez, V. Jiménez-Jiménez, F. Sánchez-Cabo, J. Vázquez, M. Tripodi, M. López-Cabrera and M. Á. del Pozo

Cell Death Dis. 2020 Aug 3;11(8):647. doi: 10.1038/s41419-020-02822-1. PMID: 32811813

Journal: **Cell Death and Disease**; IF 2020: **6.304**; Citations (SCOPUS): **0** (SCHOLAR):0

19) The innovative potential of selenium-containing agents for fighting cancer and viral infections

Authors: W. Ali, R. Benedetti, J. Handzlik, C. Zwergel and **C. Battistelli**

Accepted manuscript (19/10/2020), in press, <https://doi.org/10.1016/j.drudis.2020.10.014>

Journal: **Drug Discovery Today**; IF 2020: **7.321**; Citations (SCOPUS): **0** (SCHOLAR):0

20) Design and functional validation of a mutant variant of the lncRNA HOTAIR to counteract Snail function in Epithelial-to-Mesenchymal Transition

Authors: **C. Battistelli**#, S. Garbo, V. Riccioni, C. Montaldo, L. Santangelo, A. Vandelli, R. Strippoli, G. G. Tartaglia, M. Tripodi and C. Cicchini

#Corresponding authors

Accepted manuscript (27/10/2020)

Journal: **Cancer Research**; IF 2020: **9.727**; Citations (SCOPUS): **0** (SCHOLAR):**0**

Other Publications (not selected for evaluation)

21) Spike-in SILAC proteomic approach reveals the vitronectin as an early molecular signature of liver fibrosis in hepatitis C infections with hepatic iron overload.

Authors: Montaldo C, Mattei S, Baiocchi A, Rotiroti N, Del Nonno F, Pucillo LP, Cozzolino AM, **Battistelli C**, Amicone L, Ippolito G, van Noort V, Conigliaro A, Alonzi T, Tripodi M, Mancone C.

Proteomics. 2014 May;14(9):1107-15. doi: 10.1002/pmic.201300422. PMID: 24616218

Journal: **Proteomics**; IF 2014 **3.807**; Citations (SCOPUS) **10** (SCHOLAR) **10**

22) Poly(ADP-ribosylation) is required to modulate chromatin changes at c-MYC promoter during emergence from quiescence.

Authors: Mostocotto C, Carbone M, **Battistelli C**, Ciotti A, Amati P, Maione R.

PLoS One. 2014 Jul 21;9(7):e102575. doi: 10.1371/journal.pone.0102575. eCollection 2014. PMID: 25047032

Journal: **Plos One**; IF 2014 **3.234**; Citations (SCOPUS) **8** (SCHOLAR) **9**

23) SETDB1 is a new promising target in HCC therapy.

Authors: Cicchini C, **Battistelli C**, Tripodi M.

Chin Clin Oncol. 2016 Dec;5(6):73. doi: 10.21037/cco.2016.05.04. Epub 2016 Jun 3. PMID: 27334461

Journal: **Chin Clin Oncol.**; IF 2016 **n.d.**; Citations (SCOPUS) **3** (SCHOLAR) **3**

24) Targeting of polycombs to DNA in EMT.

Authors: **Battistelli C**, Tripodi M, Cicchini C.

Oncotarget. 2017 Aug 12;8(35):57936-57937. doi: 10.18632/oncotarget.20211. eCollection 2017 Aug 29. PMID: 28938527

Journal: **Oncotarget**; IF 2017 **n.d.**; Citations (SCOPUS) **1** (SCHOLAR) **3**

25) Promotion of proliferation and metastasis of hepatocellular carcinoma by LncRNA00673 based on the targeted-regulation of notch signaling pathway

Authors: P Magistri 1, **C Battistelli**, G Assirati, F Mereu, G Tarantino, G P Guerrini, R Ballarin, F Di Benedetto

Eur Rev Med Pharmacol Sci. 2017 Oct;21(19):4261-4262. PMID: 29077173

Journal: **Eur Rev Med Pharmacol Sci**. IF 2017: **2.387**; Citations (SCOPUS) **1** (SCHOLAR) **0**

26) The lncRNA H19 positively affects the tumorigenic properties of glioblastoma cells and contributes to NKD1 repression through the recruitment of EZH2 on its promoter.

Authors: Fazi B, Garbo S, Toschi N, Mangiola A, Lombardi M, Sicari D, **Battistelli C**, Galardi S, Michienzi A, Trevisi G, Harari-Steinfeld R, Cicchini C, Ciafrè SA.

Oncotarget. 2018 Feb 14;9(21):15512-15525. doi: 10.18632/oncotarget.24496. eCollection 2018 Mar 20. PMID: 29643989

Journal: **Oncotarget**; IF 2018 **n.d.**; Citations (SCOPUS) **12** (SCHOLAR) **13**

27) YAP integrates the regulatory Snail/HNF4a circuitry controlling epithelial/hepatocyte differentiation.

Authors: Noce V, **Battistelli C**, Cozzolino AM, Consalvi V, Cicchini C, Strippoli R, Tripodi M, Marchetti A, Amicone L.

Cell Death Dis. 2019 Oct 10;10(10):768. doi: 10.1038/s41419-019-2000-8. PMID: 31601778
Journal: **Cell Death and Disease**; IF 2019: **6.304**; Citations (SCOPUS) **0** (SCHOLAR) **3**

28) Molecular Mechanisms and New Therapeutic Targets in Epithelial to Mesenchymal Transition (EMT) and Fibrosis.

Authors: **Battistelli C**, Diederich M, Keane TJ, Sandoval P, Valente S, Strippoli R.
Front Pharmacol. 2020 Jan 16;10:1556. doi: 10.3389/fphar.2019.01556. eCollection 2019. PMID: 32009960
Journal: **Frontiers in Pharmacology**; IF 2020: **4.225**; Citations (SCOPUS) **0** (SCHOLAR) **0**

29) Novel Quinoline Compounds Active in Cancer Cells through Coupled DNA Methyltransferase Inhibition and Degradation.

Authors: Zwergel C, Fioravanti R, Stazi G, Sarno F, **Battistelli C**, Romanelli A, Nebbioso A, Mendes E, Paulo A, Strippoli R, Tripodi M, Pechalrieu D, Arimondo PB, De Luca T, Del Bufalo D, Trisciuglio D, Altucci L, Valente S, Mai A.
Cancers (Basel). 2020 Feb 14;12(2):447. doi: 10.3390/cancers12020447. PMID: 32075099
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