CURRICULUM VITAE

NAME: ***Vincenzo DE LAURENZI***
BIRTH: 15 April 1966 Rome
ADDRESS: Dipartimento di Scienze Mediche, Orali e Biotecnologiche, Universita' "G. d'Annunzio" Chieti-Pescara, Ce.S.I., Via Colle dell'Ara 1, 66100, Chieti, ITALY. Tel +39-0871-541580 Fax +39-0871-541598 e-mail delaurenzi@unich.it

PRESENT POSITION

Since 2017 full Professor In Clinical Biochemistry and Molecular Biology at the Department of Biomedical Sciences, University "G. D'Annunzio" Chieti-Pescara

EDUCATION

1990 Medical degree. Final score 110/110 cum laude. Thesis: "Neuroblastoma differentiation". Supervisors Prof. A. Finazzi-Agrò and Prof. G. Melino.
1994 PhD in Enzymology. Thesis: "Production and processing of peptides with autocrine function, and their role in neuroectodermal tumor cell growth and differentiation". Supervisor Prof. G.Melino
1999 Specialization in Paediatrics (Rome). (Accreditation). Final grade 60/60

PREVIOUS POSITIONS

1987-1990 Research student in biochemistry at the Department of Experimental Medicine and Biochemical Sciences of the University of Rome, Tor Vergata . Supervised by Prof. G. Melino and Prof. A. Finazzi-Agrò. Practical work on apoptosis of neuroblastoma cells induced by retinoids. During this time I had several sabbaticals:
--1988 Five weeks sabbatical at the Department of Cystic Fibrosis at the Brompton Hospital, London. Practical experience in tumor immunology supervised by Dr. R.A. Knight.
--1989 Three months sabbatical: (European, Erasmus grant) at the Neuroendocrinology Department at Westminster Hospital, London. Practical experience in molecular biology on the expression of POMC in neuroblastoma, supervised by Professor S.L. Lightman .
1991-1994 PhD student at the IDI-IRCCS Biochemistry Laboratory at the University of Rome Tor Vergata, Rome (Director Prof. G. Melino). I worked on the mechanism of death in neuroblastomas. During this time I had several sabbaticals:
--1992 Six months at the Biochemistry Department of the University P. M. Curie in Paris, France. Here I worked under the supervision of Prof. P. Cohen on the production of POMC by neuroectodermal tumors.
--1993 Six months practical laboratory experience in the Jefferson Cancer Institute in Philadelphia, PA, supervised by Prof. C. Croce. Here I worked on the role of the oncogene Bcl-2 in neuroectodermal tumors.
--1994-1996 Visiting research fellow at the Skin Biology Branch, NIAMS-NIH, Bethesda MD (chief of branch Dr. P.M. Steinert). Here I studied several genodermatoses, and I was involved in the identification of the disease-causing gene for Sjögren-Larsson Syndrome.
1997-1999 Research Fellow at the IDI-IRCCS Biochemistry Laboratory, Director Prof. G. Melino. Here I worked both on the characterization of the role of p73 in Apoptosis and differentiation of neuroectodermal cells.
1999-2005 Assistant Professor at the Department of Experimental Medicine of the University of Rome Tor Vergata.
--2002-2004 -- On sabatical at the MRC Toxicology unit in Leicester UK.

2005-2008 Associate Professor at the Department of Experimental Medicine of the University of Rome Tor Vergata.
2008-2017 Associate Professor In Clinical Biochemistry and Molecular Biology at the Department of Biomedical Sciences, University "G. D'Annunzio" Chieti-Pescara

EDITORIAL EXPERIENCE

2002-2011 Member of the editorial board of the Journal "Cell Death and Differentiation" (http://www.nature.com/cdd), Impact Factor 8.027.
2010-2011 Member of the editorial board of the Journal "Cell Death and Disease" (http://www.nature.com/cdds),
2011 Associate Editor of the Journal "Oncogenesis" (http://www.nature.com/oncsis/marketing/index.html)

MEETINGS ORGANIZED

(1) Biochemistry of Neuroectodermal Tumours #3 (Rome 1994);
(2) Biochemistry of Neuroectodermal Tumours #4, (Rome 1997);
(3) IID Satellite Workshop on Inherited Skin Diseases (Rome 1997);
(4) The First European Workshop on Cell Death (L'Aquila 1998);
(5) The Second European Workshop on Cell Death (Gibilmanna, 2000);
(6) The Third European Workshop on Cell Death (Salobreña 2002).
(7) The Forth European Workshop on Cell Death (Istanbul 2004).
(8) The Fifth European Workshop on Cell Death (Rolduc 2006).
(9) A Nature Conference: Cancer Therapeutics the road ahead (Capri 2007)
(10) A Nature Conference: Translational approaches to cardiovascular research (Capri 2007)
(11) The Sixth European Workshop on Cell Death (Hauenstein 2008).
(12) The Seventh European Workshop on Cell Death (Tisvildeleje 2010).
(13) The Eighth European Workshop on Cell Death (Monetier-les-Bains 2012)
(14) 56th National meeting of the Italian Society of Biochemistry and Molec.Biol. (Chieti 2012)
(15) Proteine 2012 (Chieti 2012)
(16) Pancreatic Cancer (Salerno 2013)
(17) The ninth European Workshop on Cell Death (Paphos, Cyprus 2014)
(18) The second Pancreatic Cancer Meeting (Ravello, Italy 2014)
(19) The Tenth European Workshop on Cell Death (Fiuggi, Italy 2016)
(20) The Eleventh European Workshop on Cell Death (Fiuggi, Italy 2018)

MEMBERHIP IN TECHNICAL COMITEES

From 2012 to 2015 member of AIRC Technical Scientific Committee

From 2015 member of the General Council of the Foundation Banco di Napoli

From 2016 member of Technical Scientific Committee Foundation Underforty for the study of Breast Cancer

GRANTS OBTAINED

1999	PNR Oncologia (Tema 2)	70 Milioni di Lire
2000	Telethon	324 Milioni di Lire
2000	Ministero della Sanita' (Finalizzata)	35 Milioni di Lire
2002	Ministero della Sanita' (Finalizzata)	41 316 Euro
2005	AIRC	40 000 Euro
2006	EU	236 000 Euro
2006	AIRC (3 anni)	140 000 Euro
2006	MIUR (PRIN cofin)	22 000 Euro

2009	AIRC	50 000 Euro
2011	BIOUNIVERSA	15 500 Euro
2012	Sanita' (finalizzata-09- 3 anni)	246 000 Euro
2012	BIOUNIVERSA	15 500 Euro
2012	AIRC (3 anni)	240 000 Euro
2014	AIRC (3 anni)	300 000 Euro
2017	AIRC (5 anni)	568 000 Euro

PATENT FOR INVENTION

Melino G, *De Laurenzi V*, Bernassola F, Tobler A, Grob T, Hayes I. Human Delta-N p73 molecules and uses thereof.
US 16599/003. 2001.

- Humanized anti-BAG3 antibodies
Inventori: Maria Caterina Turco, Alessandra Rosati, Vincenzo De Laurenzi, Gianluca Sala.
Data di priorità: 5/11/2015. Deposited in Italy with number: 102015000069391.

- Uso della proteina BAG3 e suoi frammenti peptidici per il controllo dell'omeostasi vascolare.
Inventori: Maria Caterina Turco, Vincenzo De Laurenzi, Vecchione Carmine, Alessandra Rosati. Data di priorità: 04/07/2016. Deposited in Italy with number: 102016000069391.

SCOPUS PARAMETERS (March 2020)

H-index 42
Total Citations 7424
Total Papers 110

10 MOST SIGNIFICANT PUBLICATIONS (All Career)

1. Richard G., *De Laurenzi V.*, Didona B., Bale S.J. Compton J.G.
   Keratin 13 point mutation underlies hereditary mucosal epithela disorder, white sponge nevus.
   Nature Genetics 11, 453-455. 1995
2. *De Laurenzi V.*, Rogers R.R., Hamrock D.J., Marekov L.N., Steinert P.M., Compton J.G., Markova, N., Rizzo W.B.
   Sjögren-Larsson Syndrome is caused by mutations in the fatty aldehyde dehydrogenase gene.
   Nature Genetics 12, 52-57. 1996
3. *De Laurenzi V*, Costanzo A, Barcaroli D, Terrinoni A, Falco M, Annicchiarico-Petruzzelli M, Levrero M, Melino G.
   Two new p73 splice variants, gamma and delta, with different transcriptional activity.
   Journal Experimental Medicine. 188(9), 1763-1768. 1998.
4. *De Laurenzi V.* & Melino G.
   The little devil of death
   Nature 406(6972), 135-136 2000
5. Melino G, *De Laurenzi V*, Vousden KH.
   p73: Friend or foe in tumorigenesis.
   Nat Rev Cancer. 2(8), 605-15. 2002
6. Barcaroli D, Dinsdale D, Neale MH, Bongiorno-Borbone L, Ranalli M, Munarriz E, Sayan AE, McWilliam JM, Smith TM, Fava E, Knight RA, Melino G, *De Laurenzi V.*
   FLASH is an essential component of Cajal bodies.
   Proc Natl Acad Sci U S A. 2006 103(40):14802-7.

7. Barcaroli D, Bongiorno-Borbone L, Terrinoni A, Hofmann TG, Rossi M, Knight RA, Matera AG, Melino G, *De Laurenzi V.*
   FLASH is required for histone transcription and S-phase progression.
   Proc Natl Acad Sci U S A. 2006 103(40):14808-12.
8. Bartesaghi S, Graziano V, Galavotti S, Henriquez NV, Betts J, Saxena J, A D, Karlsson A, Martins LM, Capasso M, Nicotera P, Brandner S, *De Laurenzi V*, Salomoni P.
   Inhibition of oxidative metabolism leads to p53 genetic inactivation and transformation in neural stem cells.
   Proc Natl Acad Sci U S A. 2015 Jan 12. pii: 201413165. [Epub ahead of print]

9. Rosati A, Basile A, D'Auria R, d'Avenia M, De Marco M, Falco A, Festa M, Guerriero L, Iorio V, Parente R, Pascale M, Marzullo L, Franco R, Arra C, Barbieri A, Rea D, Menichini G, Hahne M, Bijlsma M, Barcaroli D, Sala G, di Mola FF, di Sebastiano P, Todoric J, Antonucci L, Corvest V, Jawhari A, Firpo MA, Tuveson DA, Capunzo M, Karin M, *De Laurenzi V*, Turco MC.
BAG3 promotes pancreatic ductal adenocarcinoma growth by activating stromal macrophages.
Nat Commun. 2015 Nov 2;6:8695. doi: 10.1038/ncomms9695. **Co-corresponding Author**
10. Iorio V, Rosati A, D'Auria R, De Marco M, Marzullo L, Basile A, Festa M, Pascale M, Remondelli P, Capunzo M, Sala G, Damiani V, Amodio G, Di Nicola M, Lattanzio R, Turco MC, *De Laurenzi V*
Combined effect of anti-BAG3 and anti-PD-1 treatment on macrophage infiltrate, $CD8_+$ T cell number and tumour growth in pancreatic cancer.
Gut. 2018 Apr;67(4):780-782. doi: 10.1136/gutjnl-2017-314225.

PEER REVIEWED PUBLICATIONS (Last 10 years)

50. Bongiorno-Borbone L, De Cola A, Barcaroli D, Knight RA, Di Ilio C, Melino G, and *De Laurenzi V.*
FLASH degradation in response to UV-C results in histone locus bodies disruption and cell-cycle arrest.
Oncogene. 2010 Feb 11;29(6):802-10 [IF=7.932]

51. Schuster A., Schilling T., *De Laurenzi V.*, Koch A., Seitz A., Staib F., Teufel, Snorri Thorgeirsson A., Galle P., Melino G., Stremmel W., Krammer P.H. and Müller M. ΔNp73ß is oncogenic in hepatocellular carcinoma by blocking apoptosis signaling via death receptors and mitochondria.
Cell Cycle 2010 9(13): [IF=3.952]

52. De Luca A., Sanna F., Sallese M., Ruggiero C., Mauro M., Sacchetta P., Rossi C., *De Laurenzi V.,* Di Ilio C., and Favaloro B.
Methionine sulfoxide reductase A down-regulation in human breast cancer cells results in a more aggressive phenotype
Proc Natl Acad Sci U S A. 2010 107(43):18628-33 [IF=9.423]

53. Oddi S, Dainese E, Fezza F, Lanuti M, Barcaroli D, *De Laurenzi V*, Centonze D, Maccarrone M.
Functional characterization of putative cholesterol binding sequence (CRAC) in human type-1 cannabinoid receptor.
J Neurochem. 2011 116(5): 858-65 [IF=3.842]

54. Graupner V, Alexander E, Overkamp T, Rothfuss O, *De Laurenzi V*, Gillissen BF, Daniel PT, Schulze-Osthoff K, Essmann F.
Differential regulation of the proapoptotic multidomain protein Bak by p53 and p73 at the promoter level.
Cell Death Differ. 2011 Jul;18(7):1130-9 [IF=8.218]

55. Ammirante M, *De Laurenzi V*, Graziano V, Turco MC and Rosati A.
BAG3 is required for IKKα nuclear translocation and emergence of castration resistant prostate cancer.
Cell Death Dis. 2011 Mar 31;2:e139. [IF=5.378]

56. Festa M., Del Valle L., Khalili K., Franco R., Scognamiglio G., Graziano V., *De Laurenzi V.,* Turco M. C. and Rosati A.
BAG3 protein is overexpressed in human glioblastoma and is a potential target for therapy.
American Journal of Pathology. 2011 Jun;178(6):2504 [IF=4.206]

57. Rosati A, Graziano V, *De Laurenzi V*, Pascale M, Turco MC.
BAG3: a multifaceted protein that regulates major cell pathways.
Cell Death Dis. 2011 Apr 7;2:e141 [IF=5.378]

58. Graziano V, *De Laurenzi V.*
Role of p63 in cancer development.
BBA Rev Cancer 2011 Aug;1816(1):57-66 [IF=7.841]

59. Oddi S, Dainese E, Sandiford S, Fezza F, Lanuti M, Chiurchiù V, Totaro A, Catanzaro G, Barcaroli D, *De Laurenzi V*, Centonze D, Mukhopadhyay S, Selent J, Howlett AC, Maccarrone M
Palmitoylation of cysteine 415 of helix 8: effect on membrane localisation and signalling of the CB(1) cannabinoid receptor.
Br J Pharmacol. 2012 165(8):2635-2651 [IF=5.259]

60. De Cola A, Bongiorno-Borbone L, Bianchi E, Barcaroli D, Carletti E, Knight RA, Di Ilio C, Melino G, Sette C, *De Laurenzi V*
FLASH is essential during early embryogenesis and cooperates with p73 to regulate histone gene transcription.
Oncogene. 2012 Feb 2;31(5):573-82 [IF=7.932]

61. Chiappetta G, Basile A, Arra C, Califano D, Pasquinelli R, Barbieri A, De Simone V, Rea D, Giudice A, Pezzullo L, *De Laurenzi V*, Botti G, Losito S, Conforti D, Turco MC.
BAG3 Down-Modulation Reduces Anaplastic Thyroid Tumor Growth by Enhancing Proteasome-Mediated Degradation of BRAF Protein.
J Clin Endocrinol Metab. 2012 Jan;97(1):E115-20. [IF=5.531]

62. D'Alessandro A, D'Aguanno S, Cencioni MT, Pieroni L, Diamantini A, Battistini L, Longone P, Spalloni A, *De Laurenzi V*, Bernardini S, Federici G, Urbani A.
Protein repertoire impact of Ubiquitin-Proteasome System impairment: Insight into the protective role of beta-estradiol.
J Proteomics. 2012 Feb 2;75(4):1440-53 [IF=3.867]

63. Allocati N, Di Ilio C, *De Laurenzi V.*
p63/p73 in the control of cell cycle and cell death.
Exp Cell Res. 2012 Feb 3. [Epub ahead of print] [IF=3.378]

64. Falco A, Festa M, Basile A, Rosati A, Pascale M, Florenzano F, Nori SL, Nicolin V, Di Benedetto M, Vecchione ML, Arra C, Barbieri A, *De Laurenzi V*, Turco MC.
BAG3 controls angiogenesis through regulation of ERK phosphorylation.
Oncogene. 2012 Feb 6. doi: 10.1038/onc.2012.17. [Epub ahead of print] [IF=7.932]

65. Palma G, *De Laurenzi V*, De Marco M, Barbieri A, Petrillo A, Turco MC, Arra C.
Plasmacytoids dendritic cells are a therapeutic target in anticancer immunity.
BBA Rev Cancer 2012 May 9. [IF=7.841]

66. Favaloro B, Allocati N, Graziano V, Di Ilio C, *De Laurenzi V.*
Role of Apoptosis in disease.
Aging (Albany NY). 2012 May;4(5):330-49 [IF=3.979]

67. Rosati A, Basile A, Falco A, d'Avenia M, Festa M, Graziano V, *De Laurenzi V*, Arra C, Pascale M, Turco MC.
Role of BAG3 protein in leukemia cell survival and response to therapy.
BBA Rev Cancer 2012 Jun 15;1826(2):365-369 [IF=7.841]

68. Rosati A, Bersani S, Tavano F, Dalla Pozza E, De Marco M, Palmieri M, *De Laurenzi V*, Franco R, Scognamiglio G, Palaia R, Fontana A, di Sebastiano P, Donadelli M, Dando I, Medema JP, Dijk F, Welling L, di Mola FF, Pezzilli R, Turco MC, Scarpa A.
Expression of the Antiapoptotic Protein BAG3 Is a Feature of Pancreatic Adenocarcinoma and Its Overexpression Is Associated With Poorer Survival.
American Journal of Pathology. 2012 ,Nov, 181 (5);1524-1529 [IF=4.206]

69. Chiarella S, De Cola A, Scaglione GL, Carletti E, Graziano V, Barcaroli D, Lo Sterzo C, Di Matteo A, Di Ilio C, Falini B, Arcovito A, *De Laurenzi V*, Federici L.
Nucleophosmin mutations alter its nucleolar localization by impairing G-quadruplex binding at ribosomal DNA.
Nucleic Acids Res. 2013 Jan 16. [Epub ahead of print] [IF=9.202]

70. De Marco M, Falco A, Basile A, Rosati A, Festa M, d'Avenia M, Pascale M, Dal Piaz F, Bisogni R, Barcaroli D, Coppola G, Piscione F, Gigantino A, Citro R, De Rosa R, Vitulano G, Virtuoso N, Manganelli F, Palermo E, Siano F, Rosato G, Hahne M, Tiberti C, *De Laurenzi V*, Turco MC.
Detection of soluble BAG3 and anti-BAG3 antibodies in patients with chronic heart failure.
Cell Death Dis. 2013 Feb 14;4:e495. doi: 10.1038/cddis.2013.8. [IF=5.378]

71. Citro R, d'Avenia M, De Marco M, Giudice R, Mirra M, Ravera A, Silverio A, Farina R, Silvestri F, Gravina P, Villa F, Puca AA, De Windt L, *De Laurenzi V*, Bossone E, Turco MC, Piscione F.
Polymorphisms of the antiapoptotic protein bag3 may play a role in the pathogenesis of tako-tsubo cardiomyopathy.
Int J Cardiol. 2013 Apr 10. doi:pii: S0167-5273(13)00469-5. 10.1016/j.ijcard.2013.03.050. [IF=4.638]

72. Falco A, Rosati A, Festa M, Basile A, De Marco M, d'Avenia M, Pascale M, Dal Piaz F, Tavano F, Di Mola FF, di Sebastiano P, Berloco PB, Nudo F, Caraglia M, Febbraro A, Barcaroli D, Scarpa A, Pezzilli R, *De Laurenzi V*, Turco MC.
BAG3 Is a Novel Serum Biomarker for Pancreatic Adenocarcinomas.
Am J Gastroenterol. 2013 Jul;108(7):1178-80. doi: 10.1038/ajg.2013.128. [IF=10.383]

73. D'Aguanno S, Barcaroli D, Rossi C, Zucchelli M, Ciavardelli D, Cortese C, De Cola A, Volpe S, D'Agostino D, Todaro M, Stassi G, Di Ilio C, Urbani A, *De Laurenzi V.*
p63 isoforms regulate metabolism of cancer stem cells.
J Proteome Res. 2014 Apr 4;13(4):2120-36. [IF=4.173]

74. Ciavardelli D, Rossi C, Barcaroli D, Volpe S, Consalvo A, Zucchelli M, De Cola A, Scavo E, Carollo R, D'Agostino D, Forlì F, D'Aguanno S, Todaro M, Stassi G, Di Ilio C, *De Laurenzi V*, Urbani A.
Breast cancer stem cells rely on fermentative glycolysis and are sensitive to 2-deoxyglucose treatment.
Cell Death Dis. 2014 Jul 17;5:e1336. doi: 10.1038/cddis.2014.285. **Co-corresponding Author**
[IF=5.378]

75. De Cola A, Pietrangelo L, Forlì F, Barcaroli D, Budani MC, Graziano V, Protasi F, Di Ilio C, *De Laurenzi V*, Federici L.
AML cells carrying NPM1 mutation are resistant to nucleophosmin displacement from nucleoli caused by the G-quadruplex ligand TmPyP4.
Cell Death Dis. 2014 Sep 25;5:e1427. doi: 10.1038/cddis.2014.402.
[IF=5.378]

76. Chiappetta G, Basile A, Barbieri A, Falco A, Rosati A, Festa M, Pasquinelli R, Califano D, Palma G, Costanzo R, Barcaroli D, Capunzo M, Franco R, Rocco G, Pascale M, Turco MC, *De Laurenzi V*, Arra C.
The anti-apoptotic BAG3 protein is expressed in lung carcinomas and regulates small cell lung carcinoma (SCLC) tumor growth.
Oncotarget. 2014 Aug 30;5(16):6846-53.
[IF=5.008]

77. Galluzzi L, Bravo-San Pedro JM, Vitale I, Aaronson SA, Abrams JM, Adam D, Alnemri ES, Altucci L, Andrews D, Annicchiarico-Petruzzelli M, Baehrecke EH, Bazan NG, Bertrand MJ, Bianchi K, Blagosklonny MV, Blomgren K, Borner C, Bredesen DE, Brenner C, Campanella M, Candi E, Cecconi F, Chan FK, Chandel NS, Cheng EH, Chipuk JE, Cidlowski JA, Ciechanover A, Dawson TM, Dawson VL, *De Laurenzi V,* et al
Essential versus accessory aspects of cell death: recommendations of the NCCD 2015.
Cell Death Differ. 2015 Jan;22(1):58-73. doi: 10.1038/cdd.2014.137. Epub 2014 Sep 19.
[IF=8.218]

78. Bartesaghi S, Graziano V, Galavotti S, Henriquez NV, Betts J, Saxena J, A D, Karlsson A, Martins LM, Capasso M, Nicotera P, Brandner S, *De Laurenzi V*, Salomoni P.
Inhibition of oxidative metabolism leads to p53 genetic inactivation and transformation in neural stem cells.
Proc Natl Acad Sci U S A. 2015 Jan 12. pii: 201413165. [Epub ahead of print]
[IF=9.423]

79. Allocati N, Masulli M, Di Ilio C, *De Laurenzi V.*
Die for the community: an overview of programmed cell death in bacteria.
Cell Death Dis. 2015 Jan 22;6:e1609.
[IF=5.378]

80. Iorio V, Festa M, Rosati A, Hahne M, Tiberti C, Capunzo M, *De Laurenzi V*, Turco MC.
BAG3 regulates formation of the SNARE complex and insulin secretion.
Cell Death Dis. 2015 Mar 12;6:e1684. **Co-Last Author**
[IF=5.378]

81. Prasetyanti PR, Capone E, Barcaroli D, D'Agostino D, Volpe S, Benfante A, van Hooff S, Iacobelli V, Rossi C, Iacobelli S, Medema JP, *De Laurenzi V*, Sala G.
ErbB-3 activation by NRG-1β sustains growth and promotes vemurafenib resistance in BRAF-V600E colon cancer stem cells (CSCs).
Oncotarget. 2015 Jun 25. [Epub ahead of print]
[IF=5.008]

82. De Cola A, Volpe S, Budani MC, Ferracin M, Lattanzio R, Turdo A, D'Agostino D, Capone E, Stassi G, Todaro M, Di Ilio C, Sala G, Piantelli M, Negrini M, Veronese A, *De Laurenzi V.*

miR-205-5p-mediated downregulation of ErbB/HER receptors in breast cancer stem cells results in targeted therapy resistance.
Cell Death Dis. 2015 Jul 16;6:e1823. doi: 10.1038/cddis.2015.192. [IF=5.378]

83. Primavera R, Di Francesco M, De Cola A, *De Laurenzi V,* Paolino D, Ciancaioni M, Carafa M, Celia C, Di Ilio C, Di Stefano A, Fresta M, Locatelli M, Di Marzio L.
HPLC-FLD and spectrofluorometer apparatus: How to best detect fluorescent probe-loaded niosomes in biological samples.
Colloids Surf B Biointerfaces. 2015 Aug 8;135:575-580. doi: 10.1016/j.colsurfb.2015.08.006. [Epub ahead of print]
[IF=3.902]

84. d'Avenia M, Citro R, De Marco M, Veronese A, Rosati A, Visone R, Leptidis S, Philippen L, Vitale G, Cavallo A, Silverio A, Prota C, Gravina P, De Cola A, Carletti E, Coppola G, Gallo S, Provenza G, Bossone E, Piscione F, Hahne M, De Windt LJ, Turco MC, *De Laurenzi V.*
A novel miR-371a-5p-mediated pathway, leading to BAG3 upregulation in cardiomyocytes in response to epinephrine, is lost in Takotsubo cardiomyopathy.
Cell Death Dis. 2015 Oct 29;6:e1948. doi: 10.1038/cddis.2015.280.
[IF=5.378]

85. Rosati A, Basile A, D'Auria R, d'Avenia M, De Marco M, Falco A, Festa M, Guerriero L, Iorio V, Parente R, Pascale M, Marzullo L, Franco R, Arra C, Barbieri A, Rea D, Menichini G, Hahne M, Bijlsma M, Barcaroli D, Sala G, di Mola FF, di Sebastiano P, Todoric J, Antonucci L, Corvest V, Jawhari A, Firpo MA, Tuveson DA, Capunzo M, Karin M, *De Laurenzi V*, Turco MC.
BAG3 promotes pancreatic ductal adenocarcinoma growth by activating stromal macrophages.
Nat Commun. 2015 Nov 2;6:8695. doi: 10.1038/ncomms9695. **Co-corresponding Author** [IF=11.329]

86. Allocati N, Petrucci AG, Di Giovanni P, Masulli M, Di Ilio C and *De Laurenzi V*
Bat–man disease transmission: zoonotic pathogens from wildlife reservoirs to human populations
Cell Death Discovery 2016 2, 16048; doi:10.1038/cddiscovery.

87. Di Franco S, Turdo A, Benfante A, Colorito ML, Gaggianesi M, Apuzzo T, Kandimalla R, Chinnici A, Barcaroli D, Mangiapane LR, Pistone G, Vieni S, Gulotta E, Dieli F, Medema JP, Stassi G, *De Laurenzi V*, Todaro M.
ΔNp63 drives metastasis in breast cancer cells via PI3K/CD44v6 axis.
Oncotarget. 2016 Aug 2. doi: 10.18632/oncotarget.11022.] **Co-corresponding Author**
[IF=5.008]

88. Carrizzo A, Damato A, Ambrosio M, Falco A, Rosati A, Capunzo M, Madonna M, Turco MC, Januzzi JL, *De Laurenzi V*, Vecchione C.
The prosurvival protein BAG3: a new participant in vascular homeostasis.
Cell Death Dis. 2016 Oct 20;7(10):e2431. doi: 10.1038/cddis.2016.321. **Co-corresponding Author**
[IF=5.378]

89. Corda G, Sala G, Lattanzio R, Iezzi M, Sallese M, Fragassi G, Lamolinara A, Mirza H, Barcaroli D, Ermler S, Silva E, Yasaei H, Newbold RF, Vagnarelli P, Mottolese M9, Natali PG, Perracchio L, Quist J, Grigoriadis A, Marra P, Tutt AN, Piantelli M, Iacobelli S, *De Laurenzi V*, Sala A.
Functional and prognostic significance of the genomic amplification of frizzled receptor 6 (FZD6) in breast cancer.
J Pathol. 2017 Feb;241(3):350-361. doi: 10.1002/path.4841 **Co-corresponding Author**
[IF=7.381]

90. Esposito V, Baldi C, Zeppa P, Festa M, Guerriero L, d'Avenia M, Chetta M, Zullo F, *De Laurenzi V*, Turco MC, Rosati A, Guida M.
BAG3 Protein Is Over-Expressed in Endometrioid Endometrial Adenocarcinomas.
J Cell Physiol. J Cell Physiol. 2017 Feb;232(2):309-311
[IF=4.155]

91. Damiani V, Falvo E, Fracasso G, Federici L, Pitea M, *De Laurenzi V*, Sala G, Ceci P.
Therapeutic Efficacy of the Novel Stimuli-Sensitive Nano-Ferritins Containing Doxorubicin in a Head and Neck Cancer Model.
Int J Mol Sci. 2017 Jul 18;18(7). pii: E1555. doi: 10.3390/ijms18071555.
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