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Decreto Rettore Università di Roma "La Sapienza" n. 2459/2021 del 22.09.2021

FRANCESCA BELLEUDI
Curriculum Vitae

Rome 29-09-2021

Part I – General Information

Full Name	Francesca Belleudi
Spoken Languages	Italian, English, French

Part II – Education

Type	Year	Institution	Notes (Degree, Experience)
University graduation	1994	Sapienza University of Rome	Biological Science
Post-graduate studies	1995	Centro Nazionale Ricerca (CNR)	Scholarship CNR
	1996	Centro Nazionale Ricerca (CNR)	Scholarship CNR
PhD	2002	Sapienza University of Rome	Experimental Medicine
Specialty			
Licensure 01	1995	Sapienza University of Rome	Professional practice examination (abilitazione professionale)
Licensure 02	2014	ANVUR	National Scientific Qualification (2012); Associate Professor; SC 06/N1; SSD MED/46
Licensure 03	2017	ANVUR	National Scientific Qualification (2016); Full Professor; SC 06/N1; SSD MED/46
Licensure 04	2018	ANVUR	National Scientific Qualification (2016); Full Professor;

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			SC 06/A2; SSD MED/04
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Part III – Appointments

Academic Appointments

Start	End	Institution	Position
2001	2010	Sapienza University of Rome, Dept. Experimental Medicine	Researcher SSD MED/04
2010	2014	Sapienza University of Rome, Dept. Clinical and Molecular Medicine	Researcher SSD MED/04
2014	2016	Sapienza University of Rome, Dept. Clinical and Molecular Medicine	Researcher SSD MED/46
2016	today	Sapienza University of Rome, Dept. Clinical and Molecular Medicine	Associate Professor SSD MED/46

Part IV– Teaching experience

Year	Institution	Lecture/Course
2016-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Medicine and Surgery (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 1)
2002-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Physiotherapy (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2003-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Obstetrics (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2008-2011	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Obstetrics (Grassi Hospital, Ostia, Rome)	General Pathology (SSD: MED/04) (CFU: 2)

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2003-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Biomedical Laboratory Techniques (course coordinator) (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2011-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Occupational Therapy (course coordinator) (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2002-2005	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Orthopedic Techniques (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2004-2005	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Neurophysiopathological Techniques (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2002-2011	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Nursing (S. Andrea University Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2002-2011	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Nursing (S. Pietro Hospital, Rome)	General Pathology (SSD: MED/04) (CFU: 2)
2014-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Nursing (ASL Rome 2)	General Pathology (SSD: MED/04) (CFU: 2)
2016-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Biomedical Laboratory Techniques (course coordinator) (S. Andrea University Hospital, Rome)	Biomedical Laboratory Techniques (SSD: MED/46) (CFU: 2)

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2019-today	Sapienza University of Rome; Faculty of Medicine and Psychology; Degree: Biomedical Laboratory Techniques (S. Andrea University Hospital, Rome)	Cell Culture Techniques (SSD: MED/46) (CFU: 1)
2008-today	Sapienza University of Rome.	PhD Experimental Medicine (member of the academic board)
2011-2014	Sapienza University of Rome; Faculty II of Medicine	postgraduate school of Clinical Pathology (member of the academic board)
2014-2016	Sapienza University of Rome; Faculty of Medicine and Psychology.	Postgraduate school of Clinical Pathology and Clinical Biochemistry (member of the academic board)
2018-today	Sapienza University of Rome; Faculty of Pharmacy and Medicine.	Postgraduate school of Clinical Pathology and Clinical Biochemistry (member of the academic board)
2018-today	Sapienza University of Rome; Faculty of Medicine and Psychology.	Postgraduate school of Clinical Pathology and Clinical Biochemistry (member of the academic board)

Part V - Society memberships, Reviewer activity

Year	Title
2018	Founding member of the SIRTEPS (Società Italiana Ricerca Traslazionale e Professioni Sanitarie)
2019	Italian Society of Pathology and Translational Medicine (Sipmet) membership
2014-today	Reviewer (Cell Proliferation, Cellular signaling, Molecular Biology Reports, Oncotarget and others journals)

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

Year	Title	Program	Grant value
2020	Role of FGFR isoform switch during carcinogenesis: interplay between receptor oncogenic signaling,	Sapienza University of Rome "Finanziamento per progetti di ricerca Università" Grant (Principal Investigator)	euro 10000

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	endocytosis and EMT.		
2019	Molecular mechanisms underlying the negative interplay between autophagy and epithelial-mesenchymal transition: possible role of FGFR2c signaling pathways.	Sapienza University of Rome "Finanziamento per progetti di ricerca Università" Grant (Principal Investigator)	euro 10740 + research fellow euro 23787
2018	Crosstalk between autophagy and epithelial-mesenchymal transition: role of FGFR2 altered splicing.	Sapienza University of Rome "Finanziamento per progetti di ricerca Università" Grant (Principal Investigator)	euro 10000
2017	Role of FGFR2 and its PKC-mediated signaling in the control of epithelial cell differentiation program.	Sapienza University of Rome "Finanziamento per progetti di ricerca Università" Grant (Principal Investigator)	euro 8000 + research fellow euro 23750
2016	Interplay between autophagy and phagocytosis: role for FGFR2b and possible mechanisms involved.	Sapienza University of Rome "Finanziamento per progetti di ricerca Università" Grant (Principal Investigator)	euro 8000 + research fellow euro 23600
2015	Crosstalk between differentiation and autophagy in keratinocytes: role of FGFR2b and possible molecular mechanisms involved.	Sapienza University of Rome "Finanziamento per progetti di ricerca Università" Grant n° Prot C26A15BENS (Principal Investigator)	euro 8000
2014	Utilizzo di sistema di analisi di immagine bi- e tridimensionale nella ricerca biomedica.	Sapienza University of Rome "Finanziamento Acquisizione grandi e medie Attrezzature" Grant n° Prot C26G1452CY (Principal Investigator)	euro 38500
2009	Ruolo del KGF/FGF7 nella regolazione del processo autofagico: analisi dei possibili meccanismi molecolari condivisi fra endocitosi e autofagia.	MIUR-PRIN 2009, Grant n° Prot. 20095932WN-002 (Research Unit Head)	euro 60214
2009	Ruolo del traffico endocitico del recettore per il keratinocyte growth factor nella migrazione cellulare.	Sapienza University of Rome "Ateneo Federato", Grant n° Prot C26F09MBP4 (Principal Investigator)	euro 2000

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2007	Ruolo delle proteine Hrs e TSG101 nella regolazione della via endocitica seguita dal KGFR.	Sapienza University of Rome "Ateneo Federato", Grant n° Prot C26F07RCHK (Principal Investigator)	euro 2000
2001	Studio dell'endocitosi e del destino intracellulare di FGF10, un ligando del KGFR di recente identificazione.	Sapienza University of Rome Progetto Giovani ricercatori funding, MURST (Principal Investigator)	euro 9296.22
2014	Growth factor receptors and the HPV16 E5 viral oncoprotein in epithelial homeostasis.	AIRC 2010 (IG10272) (Investigator)	euro 216000
2010	Role of fibroblast growth factor signaling in epithelial homeostasis and carcinogenesis	AIRC 2014 (IG15858) (Investigator)	euro 150000

Part VII – Research Activities

Keywords	Brief Description
Endocytosis, FGFR, epithelial cells.	Study of endocytosis and signaling of receptor tyrosine kinases (RTK): molecular mechanisms and intracellular pathways followed by fibroblast growth factor receptors (FGFR) in epithelial cells (Belleudi et al., Exp. Cell Res. 2009; Belleudi et al., Traffic, 2007; Belleudi et al., FASEB J., 2006; Ceridono et al., Biochem. Biophys. Res. Commun., 2005; Visco et al., J. Cell Physiol., 2004; Belleudi et al., FEBS Lett., 2003; Marchese et al., Oncogene, 2003; Belleudi et al., Histochem. Cell Biol., 2002; Torrisi et al., Mol. Biol. Cell, 1999; Marchese et al., J. Cell Sci., 1998; Carbone et al., Cancer Res., 1997).
FGFR, autophagy, phagocytosis, differentiation, migration, epithelial cells.	Study of the role of FGFRs in the regulation of different cellular processes, such as migration, phagocytosis, autophagy and differentiation in epithelial cells (Rosato et al., Cell Death Dis. 2018; Nanni et al., Mol. Cell. Biol., 2018; Nanni et al., J. Cell. Mol. Med., 2018; Purpura et al., J. Cell. Mol. Med., 2014; Belleudi et al., Autophagy, 2014; Belleudi et al., PLoS One, 2011a; Belleudi et al., PLoS One, 2011b; Belleudi et al., FASEB J., 2011; Capone et al., Cell Growth Differ., 2000)
FGFR, HPV, proliferation, differentiation, autophagy, epithelial-mesenchymal transition (EMT), epithelial cells.	<p>Study of the modulation of FGFR signaling and trafficking induced by the expression of Human Papillomavirus (HPV) oncoproteins (Belleudi et al., 2011; Purpura et al., 2013).</p> <p>Study of the role of FGFR isoform switch in the induction of epithelial-mesenchymal transition and in the deregulation of proliferation, differentiation and autophagy underlying carcinogenesis (Ranieri et al., Int. J. Mol. Sci., 2021; Persechino et al., Biology, 2021; Ranieri et al., J. Cell. Mol.</p>

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	Med., 2021; Ranieri et al., Cell Commun. Signal., 2020; Nanni et al., Cells, 2019; Ranieri et al., Mol. Carcinog., 2018; Ranieri et al., Oncotarget, 2016; Belleudi et al., Oncotarget 2015; Ranieri et al., Int. J. Cancer, 2015; French et al., Mol. Cancer, 2013)
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Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	54	PubMed	1997	2021
Papers [national]				
Books [scientific]				
Books [teaching]				

Total Impact factor	274,4 (WOS)
Average Impact Factor per Product	5,08 (WOS)
Total Citations	4994 (Scopus) 5184 (WOS)
Average Citations per Product	92,4 (Scopus) 96 (WOS)
Hirsch (H) index	24 (Scopus) 24 (WOS)
Normalized H index*	1 (Scopus) 1 (WOS)

*H index divided by the academic seniority.

Publications (all)

1.D. Ranieri, D. French, S. Raffa, L. Guttieri, M.R. Torrissi, **F. Belleudi**. "Expression of the E5 Oncoprotein of HPV16 Impacts on the Molecular Profiles of EMT-Related and Differentiation Genes in Ectocervical Low-Grade Lesions" Int. J. Mol. Sci. 22, 6534, 2021. (IF: 5.9) citations: 0 (scopus); 0 (WOS)

2. F. Persechino, D. Ranieri, L. Guttieri, M. Nanni, M.R. Torrissi, **F. Belleudi**. "Expression Profile of Fibroblast Growth Factor Receptors, Keratinocyte Differentiation Markers, and Epithelial Mesenchymal Transition-Related Genes in Actinic Keratosis: A Possible Predictive Factor for Malignant Progression?" Biology (Basel) 10, 331, 2021. (IF: 5.1) citations: 2 (scopus); 2 (WOS)

3. D. Ranieri, M. Nanni, L. Guttieri, M.R. Torrissi, **F. Belleudi**. "The aberrant expression in epithelial cells of the mesenchymal isoform of FGFR2 controls the negative crosstalk between EMT and autophagy". J. Cell. Mol. Med., 25, 4166-72, 2021. (IF: 5.3) citations: 1 (scopus); 2 (WOS)

4. D.J. Klionsky, A.K. Abdel-Aziz, S. Abdelfatah, M. Abdellatif, A. Abdoli...**F. Belleudi et al.** "Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)1". Autophagy, 17, 1-382, 2021. (IF: 9.7) citations: 110 (scopus); 79 (WOS)

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5. D. Ranieri, M. Nanni, F. Persechino, M.R. Torrissi, **F. Belleudi**. "Role of PKC ϵ in the epithelial-mesenchymal transition induced by FGFR2 isoform switch". *Cell Commun. Signal.*, 18, 2020. (IF: 4.3)
citations: 3 (scopus); 2 (WOS)
6. M. Nanni, D. Ranieri, F. Persechino, M.R. Torrissi, **F. Belleudi**. "The Aberrant Expression of the Mesenchymal Variant of FGFR2 in the Epithelial Context Inhibits Autophagy". *Cells*, 8, 2019. (IF: 4.4)
citations: 0 (scopus); 3 (WOS)
7. M. Dionisi, C. De Archangelis, F. Battisti, H. Rahimi Koshkaki, **F. Belleudi**, I.G. Zizzari, I. Ruscito, C. Albano, A. Di Filippo, M.R. Torrissi, P. Benedetti Panici, C. Napoletano, M. Nuti, A. Rughetti. "Tumor-Derived Microvesicles Enhance Cross-Processing Ability of Clinical Grade Dendritic Cells". *Front. Immunol.*, 9, 2481, 2018. (IF: 4.7)
citations: 7 (scopus); 7 (WOS)
8. B. Rosato, D. Ranieri, M. Nanni, M.R. Torrissi, **F. Belleudi**. "Role of FGFR2b expression and signaling in keratinocyte differentiation: sequential involvement of PKC δ and PKC α ". *Cell Death Dis.*, 9, 565, 2018. (IF: 5.9)
citations: 6 (scopus); 7 (WOS)
9. M. Nanni, D. Ranieri, B. Rosato, M.R. Torrissi, **F. Belleudi**. "Role of Fibroblast Growth Factor Receptor 2b in the Cross Talk between Autophagy and Differentiation: Involvement of Jun N-Terminal Protein Kinase Signaling". *Mol. Cell. Biol.*, 38, 2018. (IF: 3.7)
citations: 2 (scopus); 4 (WOS)
10. D. Ranieri, B. Rosato, M. Nanni, **F. Belleudi**, M.R. Torrissi. "Expression of the FGFR2c mesenchymal splicing variant in human keratinocytes inhibits differentiation and promotes invasion". *Mol. Carcinog.*, 57, 272-83, 2018. (IF: 3.4)
citations: 12 (scopus); 14 (WOS)
11. M. Nanni, D. Ranieri, S. Raffa, M.R. Torrissi, **F. Belleudi**. "Interplay between FGFR2b-induced autophagy and phagocytosis: role of PLC γ -mediated signalling". *J. Cell. Mol. Med.*, 22, 668-83, 2018. (IF: 4.6)
citations: 4 (scopus); 5 (WOS)
12. F. Battisti, C. Napoletano, H. Rahimi Koshkaki, **F. Belleudi**, I.G. Zizzari, I. Ruscito, S. Palchetti, F. Bellati, P. Benedetti Panici, M.R. Torrissi, G. Caracciolo, F. Altieri, M. Nuti, A. Rughetti. "Tumor-Derived Microvesicles Modulate Antigen Cross-Processing via Reactive Oxygen Species-Mediated Alkalinization of Phagosomal Compartment in Dendritic Cells". *Front. Immunol.*, 8, 1179, 2017. (IF: 5.5)
citations: 11 (scopus); 10 (WOS)
13. D.J. Klionsky, K. Abdelmohsen, A. Abe, M.J. Abedin, H. Abeliovich... **F. Belleudi** et al. "Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)". *Autophagy*, 12, 1-222. 2016. (IF: 8.6)
citations: 3436 (scopus); 3683 (WOS)
14. D. Ranieri, B. Rosato, M. Nanni, A. Magenta, **F. Belleudi**, M.R. Torrissi. " Expression of the FGFR2 mesenchymal splicing variant in epithelial cells drives epithelial-mesenchymal transition". *Oncotarget*, 7, 5440-60. 2016. (IF: 5.2)

citations: 33 (scopus); 34 (WOS)

15. L. Fattore, D. Malpicci, E. Marra, **F. Belleudi**, A. Noto, C. De Vitis, M.E. Pisanu, P. Coluccia, R. Camerlingo, G. Roscilli, A. Ribas, A. Di Napoli, M.R. Torrissi, L. Aurisicchio, P.A. Ascierto, R. Mancini, G. Ciliberto. "Combination of antibodies directed against different ErbB3 surface epitopes prevents the establishment of resistance to BRAF/MEK inhibitors in melanoma". *Oncotarget*, 6, 24823-41, 2015. (IF: 5)
citations: 23 (scopus); 25 (WOS)

16. **F. Belleudi**, M. Nanni, S. Raffa, M.R. Torrissi. "HPV16 E5 deregulates the autophagic process in human keratinocytes". *Oncotarget*, 6, 9370-86. 2015. (IF: 5)
citations: 17 (scopus); 18 (WOS)

17. D. Ranieri, **F. Belleudi**, A. Magenta, M.R. Torrissi. "HPV16 E5 expression induces switching from FGFR2b to FGFR2c and epithelial-mesenchymal transition". *Int. J. Cancer*, 137, 61-72, 2015. (IF: 5.5)
citations: 34 (scopus); 34 (WOS)

18. E. Santonico, A. Mattioni, S. Panni, **F. Belleudi**, M. Mattei, M.R. Torrissi, G. Cesareni, L. Castagnoli. "RNF11 is a GGA protein cargo and acts as a molecular adaptor for GGA3 ubiquitination mediated by Itch." *Oncogene*, 34, 3377-90, 2015. (IF: 8.5)
citations: 14 (scopus); 13 (WOS)

19. V. Purpura, F. Persechino, **F. Belleudi**, C. Scrofani, S. Raffa, S. Persechino, M.R. Torrissi. "Decreased expression of KGF/FGF7 and its receptor in pathological hypopigmentation". *J. Cell. Mol. Med.*, 18, 2553-7, 2014. (IF: 4.014)
citations: 9 (scopus); 8 (WOS)

20. A. Rughetti, H. Rahimi, **F. Belleudi**, C. Napoletano, F. Battisti, I.G. Zizzari, M. Antonilli, F. Bellati, H.H. Wandall, P. Benedetti Panici, J.M. Burchell, M.R. Torrissi, M. Nuti. "Microvesicle cargo of tumor-associated MUC1 to dendritic cells allows cross-presentation and specific carbohydrate processing". *Cancer Immunol. Res.*, 2, 177-86, 2014. (IF: 3.9)
citations: 15 (scopus); 15 (WOS)

21. **F. Belleudi**, V. Purpura, S. Caputo, M.R. Torrissi. "FGF7/KGF regulates autophagy in keratinocytes a novel dual role in the induction of both assembly and turnover of autophagosomes". *Autophagy*, 10, 803-21, 2014. (IF: 11.7)
citations: 16 (scopus); 17 (WOS)

22. L. Fattore, E. Marra, M.E. Pisanu, A. Noto, C. de Vitis, **F. Belleudi**, L. Aurisicchio, R. Mancini, M.R. Torrissi, P.A. Ascierto, G. Ciliberto. "Activation of an early feedback survival loop involving phospho-ErbB3 is a general response of melanoma cells to RAF/MEK inhibition and is abrogated by anti-ErbB3 antibodies". *J. Transl. Med.*, 11:180, 2013. (IF: 3.9)
citations: 49 (scopus); 51 (WOS)

23. D. French, **F. Belleudi**, M.V. Mauro, F. Mazzetta, S. Raffa, V. Fabiano, A. Frega, M.R. Torrissi. "Expression of HPV16 E5 down-modulates the TGFbeta signaling pathway". *Mol. Cancer*, 12, 38, 2013. (IF: 4.3)
citations: 27 (scopus); 22 (WOS)

24. V. Purpura, **F. Belleudi**, S. Caputo, M.R. Torrissi. "HPV16 E5 and KGFR/FGFR2b interplay

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in differentiating epithelial cells". *Oncotarget*, 4, 192-205, 2013. (IF: 6.4)
citations: 22 (scopus); 23 (WOS)

25. C. Napoletano, I.G. Zizzari, A. Rughetti, H. Rahimi, T. Irimura, H. Clausen, H.H. Wandal, F. Belleudi, F. Bellati, L. Pierelli, L. Frati, M. Nuti. "Targeting of macrophage galactose-type C-type lectin (MGL) induces DC signaling and activation". *Eur J Immunol.*, 42, 936-45, 2012. (IF: 4) citations: 53 (scopus); 57 (WOS)

26. F. Belleudi, E. Marra, F. Mazzetta, L. Fattore, M.R. Giovagnoli, R. Mancini, L. Aurisicchio, M.R. Torrasi, G. Ciliberto. "Monoclonal antibody-induced ErbB3 receptor internalization and degradation inhibits growth and migration of human melanoma cells". *Cell Cycle*, 11, 1455-67, 2012. (IF: 4.6)
citations: 24 (scopus); 25 (WOS)

27. F. Belleudi, C. Scrofani, M.R. Torrasi, P. Mancini. "Polarized endocytosis of the keratinocyte growth factor receptor in migrating cells: role of SRC-signaling and cortactin". *PLoS One*, 6(12):e29159, 2011. (IF: 3.2)
citations: 23 (scopus); 20 (WOS)

28. F. Belleudi, V. Purpura, M.R. Torrasi, "The receptor tyrosine kinase FGFR2b/KGFR controls early differentiation of human keratinocytes". *PLoS One*, 6(9):e24194, 2011. (IF: 3.2)
citations: 21 (scopus); 22 (WOS)

29. I.G. Zizzari, F. Veglia, F. Taurino, H. Rahimi, E. Quaglino, F. Belleudi, F. Riccardo, M. Antonilli, C. Napoletano, F. Bellati, P. Benedetti-Panici, M.R. Torrasi, L. Frati, M. Nuti, A. Rughetti. "HER2-based recombinant immunogen to target DCs through FcγRs for cancer immunotherapy". *J. Mol. Med.* 89, 1231-40, 2011. (IF: 5.2)
citations: 12 (scopus); 10 (WOS)

30. F. Belleudi, L. Leone, V. Purpura, F. Cannella, C. Scrofani, M.R. Torrasi. "HPV16 E5 affects the KGFR/FGFR2b-mediated epithelial growth through alteration of the receptor expression, signaling and endocytic traffic". *Oncogene*, 30, 4963-76, 2011. (IF: 8.5)
citations: 26 (scopus); 25 (WOS)

31. F. Belleudi, V. Purpura, C. Scrofani, F. Persechino, L. Leone and M.R. Torrasi. "Expression and signaling of the tyrosine kinase FGFR2b/KGFR regulates phagocytosis and melanosome uptake in human keratinocytes". *FASEB J.*, 25, 170-81, 2011. (IF: 5)
citations: 28 (scopus); 26 (WOS)

32. F. Di Modugno, M. Mottolise, L. DeMonte, P. Trono, M. Balsamo, A. Conidi, E. Melucci, I. Terrenato, F. Belleudi, M.R. Torrasi, M. Alessio, A. Santoni and P. Nisticò. "The cooperation between hMena overexpression and HER2 signaling in breast cancer". *PLoS One.*, 5, e15852, 2010. (IF: 3.2)
citations: 23 (scopus); 23 (WOS)

33. E. Santonico, F. Belleudi, S. Panni, M.R. Torrasi, G. Cesareni and L. Castagnoli. "Multiple modification and protein interaction signals drive the Ring finger protein 11 (RNF11) E3 ligase to the endosomal compartment". *Oncogene*, 29, 5604-18, 2010. (IF: 8.5)
citations: 22 (scopus); 22 (WOS)

34. F. Belleudi, G. Cardinali, D. Kovacs, M. Picardo and M.R. Torrasi. "KGF promotes

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paracrine activation of the SCF/c-KIT axis from human keratinocytes to melanoma cells". *Trasl. Oncol.*, 3, 80-90, 2010. (IF: 2.9)
citations: 8 (scopus); 7 (WOS)

35. F. Belleudi, L. Leone, M. Maggio, M.R. Torrissi. "Hrs regulates the endocytic sorting of the fibroblast growth factor receptor 2b". *Exp. Cell Res.*, 315, 2181-2191, 2009. (IF: 3.2)
citations: 17 (scopus); 14 (WOS)

36. G. Giolo, F. Neri, N. Casatelli, M. Potestà, F. Belleudi, M.R. Torrissi, M. Doria. "Internalization and intracellular retention of CD4 are two separate functions of the human immunodeficiency virus type1 Nef protein". *J. Gen Virol.*, 88, 3133-8, 2007. (IF: 3.2)
citations: 6 (scopus); 7 (WOS)

37. F. Belleudi, L. Leone, V. Nobili, S. Raffa, F. Francescangeli, M. Maggio, S. Morrone, C. Marchese, M.R. Torrissi. "Keratinocyte growth factor receptor ligands target the receptor to different intracellular pathways". *Traffic*, 8, 1854-72, 2007. (IF: 4.3)
citations: 42 (scopus); 45 (WOS)

38. J. Omerovic, L. Santangelo, E.M.R. Puggioni, J. Marrocco, C. Dall'Armi, C. Palumbo, F. Belleudi, L. Di Marcotullio, L. Frati, M.R. Torrissi, G.Cesareni A.Gulino, M. Alimandi. "The E3 ligase AIP4/itch ubiquitinates and targets ErbB-4 for degradation". *FASEB J.*, 21, 2849-62, 2007. (IF: 5)
citations: 62 (scopus); 58 (WOS)

39. F. Belleudi, L. Leone, L. Aimati, B. De Paola, G. Cardinali, C. Marchese, L. Frati, M. Picardo, M.R. Torrissi. "Endocytic pathways and biological effects induced by UVB-dependent or ligand-dependent activation of the keratinocyte growth factor receptor". *FASEB J.*, 20, 395-397, 2006. (IF: 5)
citations: 30 (scopus); 31 (WOS)

40. I. Sirinian, F. Belleudi, F. Campagna, M. Ceridono, R. Verna, M.R. Torrissi, M. Arca. "Adaptor protein ARH is recruited to the plasma membrane by low density lipoprotein (LDL) binding and modulates endocytosis of the LDL-LDLreceptor complex in hepatocytes". *J.Biol. Chem.*, 280, 38416-38423, 2005. (IF: 4.6)
citations: 28 (scopus); 25 (WOS)

41. R. Molfetta, F. Belleudi, G. Peruzzi, S. Morrone, L. Leone, I. Dikic, M. Piccoli, L. Frati, M.R. Torrissi, A. Santoni, R. Paolini. "CIN85 regulates the ligand-dependent endocytosis of the IgE receptor: a new molecular mechanism to dampen mast cell function". *J. Immunol.*, 175, 4208-4216, 2005. (IF: 5)
citations: 39 (scopus); 37 (WOS)

42. M. Ceridono, F. Belleudi, S. Ceccarelli, M.R. Torrissi. "Tyrosine 769 of the keratinocyte growth factor receptor is required for receptor signaling but not endocytosis". *Biochem. Biophys. Res. Comun.*, 327, 523-532, 2005. (IF: 2.3)
citations: 23 (scopus); 23 (WOS)

43. V. Visco, F. Belleudi, C. Marchese, L. Leone, L. Aimati, G. Cardinali, D. Kovacs, L. Frati, M.R. Torrissi. "Differential response to keratinocyte growth factor receptor and epidermal growth factor receptor ligands of proliferating and differentiating intestinal epithelial cells". *J. Cell. Physiol.* 200, 31-44, 2004. (IF: 3.8)

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citations: 32 (scopus); 32 (WOS)

44. M.C. Pascale, S. Franceschelli, O. Molledo, **F. Belleudi**, M.R. Torrissi, C. Bucci, S. La Fontaine, J.F.B. Mercer and A. Leone. "Endosomal trafficking of the Menkes copper ATPase ATP7A is mediated by vesicles containing the rab7 and rab5 GTPase proteins". *Exp. Cell Res.*, 291, 377-385, 2003. (IF: 3.2)

citations: 15 (scopus); 16 (WOS)

45. **F. Belleudi**, V. Visco, M. Ceridono, L. Leone, R. Muraro, L. Frati, M.R. Torrissi. "Ligand-induced clathrin-mediated endocytosis of the keratinocyte growth factor receptor occurs independently of either phosphorylation or recruitment of eps15". *FEBS Lett.* 553, 262-70, 2003. (IF: 3.2)

citations: 8 (scopus); 9 (WOS)

46. C. Marchese, V. Maresca, A. Felici, G. Cardinali, **F. Belleudi**, M. Bellocci, M. R. Torrissi, M. Picardo. "UVB-induced activation and internalization of keratinocyte growth factor receptor". *Oncogene*, 22, 2422-2431, 2003. (IF: 8.5)

citations: 53 (scopus); 48 (WOS)

47. L.V. Lotti, L. Ottini, C. D'Amico, R. Gradini, **F. Belleudi**, A. Cama, L. Frati, M.R. Torrissi, R. Mariani-Costantini. "Subcellular localization of the BRCA1 gene product in mitotic cells". *Genes Chromosomes Cancer*, 35, 193-203, 2002. (IF: 4)

citations: 60 (scopus); 60 (WOS)

48. **F. Belleudi**, M. Ceridono, A. Capone, A. Felici, C. Marchese, M. Picardo, L. Frati, M.R. Torrissi. "The endocytic pathway followed by the keratinocyte growth factor receptor". *Histochem. Cell Biol.*, 118, 1-10, 2002. (IF: 3.1)

citations: 21 (scopus); 19 (WOS)

49. D.M. D'Agostino, L. Ranzato, G. Arrigoni, I. Cavallari, **F. Belleudi**, M.R. Torrissi, M. Silic Benussi, T. Ferro, V. Petronilli, O. Marin, L. Chieco-Bianchi, P. Bernardi, V. Ciminale. "Mitochondrial alterations induced by the p13^h protein of human T-cell leukemia virus type 1: critical role of arginin residues". *J. Biol. Chem.*, 277, 34424-34433, 2002. (IF: 4.6)

citations: 62 (scopus); 57 (WOS)

50. A. Capone, V. Visco, **F. Belleudi**, C. Marchese, G. Cardinali, M. Bellocci, M. Picardo, L. Frati, M.R. Torrissi. "Up-modulation of the expression of functional keratinocyte growth factor receptors induced by high cell density in the human keratinocyte HaCaT cell line". *Cell Growth Differ.*, 14, 607-614, 2000. (IF: 4.4)

citations: 39 (scopus); 39 (WOS)

51. R. Ippoliti, E. Lendaro, P.A. Benedetti, M.R. Torrissi, **F. Belleudi**, D. Carpani, M.R. Soria, M.S. Fabbrini. "Endocytosis of a chimera between human pro-urokinase and the plant toxin Saporin: an unusual internalization mechanism". *FASEB J.* 14, 1335-1344, 2000. (IF: 5)

citations: 34 (scopus); 35 (WOS)

52. M.R. Torrissi, L.V. Lotti, **F. Belleudi**, R. Gradini, A.E. Salcini, S. Confalonieri, P.G. Pelicci, P.P. Di Fiore. "Eps15 is recruited to the plasma membrane upon epidermal growth factor receptor activation and localizes to components of the endocytic pathway during receptor internalisation". *Mol. Biol. Cell* 10, 417-434, 1999. (IF: 4.5)

citations: 91 (scopus); 88 (WOS)

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53. C. Marchese, P. Mancini, **F. Belleudi**, A. Felici, R. Gradini, T. Sansolini, L. Frati, M.R. Torrì. "Receptor-mediated endocytosis of keratinocyte growth factor". *J. Cell Sci.* 111, 3517-3527, 1998. (IF: 5.4)
citations: 51 (scopus); 53 (WOS)

54. R. Carbone, S. Frè, G. Iannolo, **F. Belleudi**, P. Mancini, P.G. Pelicci, M.R. Torrì, P.P. Di Fiore. "Eps15 and Eps15R are essential components of the endocytic pathway". *Cancer Res.* 57, 5498-5504, 1997. (IF: 9.3)
citations: 175 (scopus); 173 (WOS)

Part IX– Selected Publications

1. D. Ranieri, M. Nanni, L. Guttieri, M.R. Torrì, **F. Belleudi**. "The aberrant expression in epithelial cells of the mesenchymal isoform of FGFR2 controls the negative crosstalk between EMT and autophagy". *J. Cell. Mol. Med.*, 25, 4166-72, 2021. IF: 4.3; (IF: 5,3)
citations: 1 (scopus); 2 (WOS)

2. D. Ranieri, M. Nanni, F. Persechino, M.R. Torrì, **F. Belleudi**. "Role of PKC ϵ in the epithelial-mesenchymal transition induced by FGFR2 isoform switch". *Cell Commun. Signal.*, 18, 2020. (IF: 4.3)
citations: 3 (scopus); 2 (WOS)

3. M. Nanni, D. Ranieri, F. Persechino, M.R. Torrì, **F. Belleudi**. "The Aberrant Expression of the Mesenchymal Variant of FGFR2 in the Epithelial Context Inhibits Autophagy". *Cells*, 8, 2019. (IF: 4.4)
citations: 0 (scopus); 3 (WOS)

4. B. Rosato, D. Ranieri, M. Nanni, M.R. Torrì, **F. Belleudi**. "Role of FGFR2b expression and signaling in keratinocyte differentiation: sequential involvement of PKC δ and PKC α ". *Cell Death Dis.*, 9, 565, 2018. (IF: 5.9)
citations: 6 (scopus); 7 (WOS)

5. M. Nanni, D. Ranieri, B. Rosato, M.R. Torrì, **F. Belleudi**. "Role of Fibroblast Growth Factor Receptor 2b in the Cross Talk between Autophagy and Differentiation: Involvement of Jun N-Terminal Protein Kinase Signaling". *Mol. Cell. Biol.*, 38, 2018. (IF: 3.7)
citations: 1 (scopus); 4 (WOS)

6. D. Ranieri, B. Rosato, M. Nanni, **F. Belleudi**, M.R. Torrì. "Expression of the FGFR2c mesenchymal splicing variant in human keratinocytes inhibits differentiation and promotes invasion". *Mol. Carcinog.*, 57, 272-83, 2018. (IF: 3.4)
citations: 12 (scopus); 14 (WOS)

7. M. Nanni, D. Ranieri, S. Raffa, M.R. Torrì, **F. Belleudi**. "Interplay between FGFR2b-induced autophagy and phagocytosis: role of PLC γ -mediated signalling". *J. Cell. Mol. Med.*, 22, 668-83, 2018. (IF: 4.6)
citations: 4 (scopus); 5 (WOS)

8. D. Ranieri, B. Rosato, M. Nanni, A. Magenta, **F. Belleudi**, M.R. Torrì. (co-last author).

"Expression of the FGFR2 mesenchymal splicing variant in epithelial cells drives epithelial-mesenchymal transition". *Oncotarget*, 7, 5440-60. 2016. (IF: 5.2)
citations: 32 (scopus); 34 (WOS)

9. **F. Belleudi**, M. Nanni, S. Raffa, M.R. Torrissi. "HPV16 E5 deregulates the autophagic process in human keratinocytes". *Oncotarget*, 6, 9370-86. 2015. (IF: 5)
citations: 17 (scopus); 18 (WOS)

10. D. Ranieri, **F. Belleudi**, A. Magenta, M.R. Torrissi. (co-first author). "HPV16 E5 expression induces switching from FGFR2b to FGFR2c and epithelial-mesenchymal transition". *Int. J. Cancer*, 137, 61-72, 2015. (IF: 5.5)
citations: 34 (scopus); 34 (WOS)

11. E. Santonico, A. Mattioni, S. Panni, **F. Belleudi**, M. Mattei, M.R. Torrissi, G. Cesareni, L. Castagnoli. "RNF11 is a GGA protein cargo and acts as a molecular adaptor for GGA3 ubiquitination mediated by Itch." *Oncogene*, 34, 3377-90, 2015. (IF: 8.5)
citations: 14 (scopus); 13 (WOS)

12. **F. Belleudi**, V. Purpura, S. Caputo, M.R. Torrissi. "FGF7/KGF regulates autophagy in keratinocytes a novel dual role in the induction of both assembly and turnover of autophagosomes". *Autophagy*, 10, 803-21, 2014. (IF: 11.7)
citations: 15 (scopus); 17 (WOS)

13. V. Purpura, **F. Belleudi**, S. Caputo, M.R. Torrissi. (co-first author). "HPV16 E5 and KGFR/FGFR2b interplay in differentiating epithelial cells". *Oncotarget*, 4, 192-205, 2013. (IF: 6.4)
citations: 22 (scopus); 23 (WOS)

14. **F. Belleudi**, E. Marra, F. Mazzetta, L. Fattore, M.R. Giovagnoli, R. Mancini, L. Aurisicchio, M.R. Torrissi, G. Ciliberto. "Monoclonal antibody-induced ErbB3 receptor internalization and degradation inhibits growth and migration of human melanoma cells". *Cell Cycle*, 11, 1455-67, 2012. (IF: 4.6)
citations: 24 (scopus); 25 (WOS)

15. **F. Belleudi**, L. Leone, V. Purpura, F. Cannella, C. Scrofani, M.R. Torrissi. "HPV16 E5 affects the KGFR/FGFR2b-mediated epithelial growth through alteration of the receptor expression, signaling and endocytic traffic". *Oncogene*, 30, 4963-76, 2011. (IF: 8.5)
citations: 26 (scopus); 25 (WOS)

16. **F. Belleudi**, V. Purpura, C. Scrofani, F. Persechino, L. Leone and M.R. Torrissi. "Expression and signaling of the tyrosine kinase FGFR2b/KGFR regulate phagocytosis and melanosome uptake in human keratinocytes". *FASEB J.*, 25, 170-81, 2011. (IF: 5)
citations: 28 (scopus); 26 (WOS)

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