



Valentina Folgiero

Date of birth: 19/12/1978 | **Nationality:** Italian | **Phone number:** (+39) 3298763783 (Mobile) |

Email address: valentina.folgiero@virgilio.it |

Address: Via di Sant'Erasmo 14, 00184, Rome, Italy (Home)

WORK EXPERIENCE

01/01/2023 – CURRENT Rome, Italy

PRINCIPAL INVESTIGATOR BAMBINO GESÙ CHILDREN'S HOSPITAL

- PI of a Ministry of Health grant (Ricerca Corrente)

Address Viale San Paolo 15, 00146, Rome, Italy

01/01/2019 – 31/12/2020 Rome, Italy

PARTECIPANT TENDER EU

Involved as expert in the field (Breast cancer) in Open Procedure JRC/IPR/2018/F.3/0035/OC : Reviews on Non-animal Methods in Use for Biomedical Research divided in 5 lots.

Lot 2: Breast Cancer Contract: 936585

01/01/2018 – 31/12/2022 Rome, Italy

PRINCIPAL INVESTIGATOR BAMBINO GESÙ CHILDREN'S HOSPITAL

PI of a 5-years grant for under 40 researcher from AIRC (Italian Association for Cancer Research)

Aim of the project: study of mechanism of resistance to pediatric leukemia treatment and new therapeutic approach to fight it. A research assista and a technician have been employed to perform the experiments

01/09/2019 – CURRENT Rome, Italy

INSTRUCTOR TEMPLE UNIVERSITY ROME CAMPUS

Instructor of General Biochemistry (one semester/year) to US students performing one semester in Italy

Address Lungotevere Arnaldo da Brescia 15, 00196, Rome, Italy

01/01/2012 – 31/12/2017 Rome, Italy

POST-DOC BAMBINO GESÙ CHILDREN'S HOSPITAL

Under the direction of Prof Franco Locatelli, at the Department of Onco-Hematology, I was involved in projects concerning immune escape mechanisms of pediatric leukemia

Address Viale San Paolo 15, 00146, Rome, Italy

01/01/2006 – 31/12/2011 Rome, Italy

RESEARCH ASSISTANT REGINA ELENA NATIONAL CANCER INSTITUTE IFO

From January 2006 to December 2008 Recipient of a 3-years fellowship from AIRC (Italian Association for Cancer Research)

Address Via Elio Chianesi 53, 00144, Rome, Italy

● **EDUCATION AND TRAINING**

01/10/2021 – CURRENT Rome, Italy
STUDENT Sapienza University of Rome

Bachelor degree (3-years) in Natural Sciences scheduled for October 2024

Website <https://www.uniroma1.it/it/pagina-strutturale/home> | **Field of study** Natural sciences |

Thesis Study of the Italian coastal regression

01/10/2007 – 20/04/2011 Rome, Italy
PHD IN CELLULAR AND MOLECULAR BIOLOGY University of Rome Tor Vergata

Activities of research have been performed at the Regina Elena National Cancer Hospital, IFO, Rome IT in the department of Experimental Oncology directed by Dr Ada Sacchi. Aim of the project was the study of phosphopeptides able to block tumorigenic pathway in tumor cells that can be potentially administered in patients through local electroporation.
One of the peptide showing high efficiency in murine model of breast cancer metastasis was patented in 2013 (EU20130259929) "Use of a Phosphopeptide able to block HER3/p85 interaction for the treatment of HER2 hyper-expressing tumours"

Website <https://web.uniroma2.it/> | **Field of study** Cellular and Molecular Biology

01/06/2004 – 30/09/2004 Boston, United States
RESEARCHER Beth Israel Deaconess Medical Center and Harvard Medical School

Experimental activities were performed under the direction of prof A. Mercurio, Head of pathology department.

Website <https://www.bidmc.org/>

27/06/2006 Viterbo, Italy
CERTIFIED AS BIOLOGIST TO EXERCISE PROFESSION IN ITALY University of Viterbo La Tuscia

Website <https://www.unitus.it/>

01/10/1998 – 15/12/2005 Rome, Italy
BACHELOR DEGREE IN BIOLOGICAL SCIENCES University of Rome Sapienza

From April 2003 to December 2005 the training activities for the experimental procedures were performed at the Regina Elena National Cancer Institute, IFO, Rome, IT in the Department of Experimental Oncology

Website <https://www.uniroma1.it/it> | **Field of study** breast cancer | **Final grade** 102/110 |

Thesis "alpha6beta4 integrin inactivation induces apoptosis inhibiting PI3K signaling and favouring responsiveness to hormonal treatment in breast cancer cells"

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Excel | Microsoft Word | Microsoft Powerpoint | Facebook | Google Docs | Instagram | Social Media | Outlook | Google Drive | LinkedIn | Zoom

● **PUBLICATIONS**

2024

Enhancer engagement sustains oncogenic transformation and progression of B-Cell Precursor Acute Lymphoblastic Leukemia.

Corleone G, Sorino C, Caforio M, Di Giovenale S, De Nicola F, Goeman F, Bertaina V, Pitisci A Clelia Cortile; Locatelli F, **Folgiero V**, Fanciulli M

J Exp Clin Cancer Res. 2024 Jun 27;43(1):179. doi: 10.1186/s13046-024-03075-y.

2024

GMP-manufactured CRISPR/Cas9 technology as an advantageous tool to support cancer immunotherapy

Matteo Caforio; Stefano Iacovelli; Concetta Quintarelli; Franco Locatelli; **Valentina Folgiero**

JECCR 2024 Mar 1;43(1):66. doi: 10.1186/s13046-024-02993-1.

2024

Manipulating the tumor immune microenvironment to improve cancer immunotherapy: IGF1R, a promising target

Pellegrin M, Selci V, D'Amico S, Petrilli LL, Caforio M, **Folgiero V**, Tumino N, Vacca P, Vinci M, Fruci D, De Billy E

Front Immunol . 2024 Feb 14;15:1356321. doi: 10.3389/fimmu.2024.1356321. eCollection 2024.

2021

Enhancement of Neuroblastoma NK-Cell-Mediated Lysis through NF-kB p65 Subunit-Induced Expression of FAS and PVR, the Loss of Which Is Associated with Poor Patient Outcome

Brandetti E, Focaccetti C, Pezzolo A, Ognibene M, **Folgiero V**, Cotugno N, Benvenuto M, Palma P, Manzari V, Rossi P, Fruci D, Bei R, Cifaldi L.

Cancers (Basel). 2021 Aug 29;13(17):4368. doi: 10.3390/cancers13174368.

2023

AATF/Che-1 RNA polymerase II binding protein overexpression reduces the anti-tumor NK-cell cytotoxicity through activating receptors modulation

Caforio M, Tumino N, Sorino C, Manni I, Di Giovenale S, Piaggio G, Iezzi S, Strimpakos G, Mattei E, Moretta L, Fanciulli M, Vacca P, Locatelli F, **Folgiero V**.

Front Immunol. 2023 Jun 26;14:1191908. doi: 10.3389/fimmu.2023.1191908. eCollection 2023

2022

CAPE and its synthetic derivative VP961 restore BACH1/NRF2 axis in Down Syndrome

Pagnotta S, Tramutola A, Barone E, Di Domenico F, Pittalà V, Salerno L, **Folgiero V**, Caforio M, Locatelli F, Petrini S, Butterfield DA, Perluigi M.

Free Radic Biol Med. 2022 Apr;183:1-13. doi: 10.1016/j.freeradbiomed.2022.03.006. Epub 2022 Mar 11.

2021

PI3K/Akt pathway: the indestructible role of a vintage target as a support to the most recent immunotherapeutic approaches

Caforio M, de Billy E, De Angelis B, Iacovelli S, Quintarelli C, Paganelli V, **Folgiero V**.

Cancers (Basel). 2021 Aug 11;13(16):4040. doi: 10.3390/cancers13164040

2021

GD2 redirected CAR T and activated NK-cell-mediated secretion of IFN γ overcomes MYCN-dependent IDO1 inhibition, contributing to Neuroblastoma cell immune escape

Caforio M, Sorino C, Caruana I, Weber G, Camera A, Cifaldi L, De Angelis B, Del Bufalo F, Vitale A, Goffredo BM, De Vito R, Fruci D, Quintarelli C, Fanciulli M, Locatelli F, **Folgiero V**.

J Immunother Cancer. 2021 Mar;9(3):e001502. doi: 10.1136/jitc-2020-001502.

2020

Upfront treatment with mTOR inhibitor Everolimus in pediatric low-grade gliomas: a single center experience

Cacchione A, Lodi M, Carai A, Miele E, Tartaglia M, Megaro G, Del Baldo G, Alessi I, Colafati GS, Carboni A, Boccuto L, Diomedi Camassei F, Catanzaro G, Po A, Ferretti E, Pedace L, Pizzi S, **Folgiero V**, Pezzullo M, Corsetti T, Secco DE, Cefalo MG, Locatelli F, Mastronuzzi A..

Int J Cancer. 2021 May 15;148(10):2522-2534. doi: 10.1002/ijc.33438. Epub 2020 Dec 27.

2020

Proteomics Study of Peripheral Blood Mononuclear Cells in Down Syndrome Children

Lanzillotta C, Greco V, Valentini D, Villani A, **Folgiero V**, Caforio M, Locatelli F, Pagnotta S, Barone E, Urbani A, Di Domenico F, Perluigi M.

Antioxidants (Basel). 2020 Nov 11;9(11):1112. doi: 10.3390/antiox9111112.

2020

Chronic PERK induction promotes brain pathology in Down syndrome brain: novel clues for therapeutic intervention

Lanzillotta C, Zuliani I, Tramutola A, Barone E, Blarmino C, **Folgiero V**, Caforio M, Valentini D, Villani A, Locatelli F, Butterfield DA, Head E, Perluigi M, Abisambra JF, Di Domenico F.

Prog Neurobiol. 2021 Jan;196:101892. doi: 10.1016/j.pneurobio.2020.101892. Epub 2020 Aug 11.

2018

Recent advances in searching c-Myc transcriptional cofactors during tumorigenesis

Caforio M, Sorino C, Iacovelli S, Fanciulli M, Locatelli F, **Folgiero V**..

J Exp Clin Cancer Res. 2018 Sep 27;37(1):239. doi: 10.1186/s13046-018-0912-2.

2018

A new baby in the c-Myc-directed transcriptional machinery: Che-1/AATF.

Folgiero V, Sorino C, Locatelli F, Fanciulli M.

Cell Cycle. 2018;17(11):1286-1290. doi: 10.1080/15384101.2018.1480227. Epub 2018 Jul 25.

2018

Che-1 is targeted by c-Myc to sustain proliferation in pre-B-cell acute lymphoblastic leukemia

Folgiero V, Sorino C, Pallocca M, De Nicola F, Goeman F, Bertaina V, Strocchio L, Romania P, Pitisci A, Iezzi S, Catena V, Bruno T, Strimpakos G, Passananti C, Mattei E, Blandino G, Locatelli F, Fanciulli M.

EMBO Rep. 2018 Mar;19(3):e44871. doi: 10.15252/embr.201744871. Epub 2018 Jan 24.

2017

The Vici Syndrome protein EPG5 regulates intracellular nucleic acid trafficking linking autophagy to innate and adaptive immunity

Piano Mortari E*, **Folgiero V***, Marcellini V, Romania P, Bellacchio E, D'Alicandro V, Bocci C, Carrozzo R, Martinelli D, Petrini S, Axiotis E, Farroni C, Locatelli F, Schara U, Pilz DT, Jungbluth H, Dionisi-Vici C, Carsetti R.

*co-first authors

Autophagy. 2018;14(1):22-37. doi: 10.1080/15548627.2017.1389356. Epub 2018 Jan 2.

2016

IDO1 involvement in mTOR pathway: a molecular mechanism of resistance to mTOR targeting in medulloblastoma

Folgiero V, Miele E, Carai A, Ferretti E, Alfano V, Po A, Bertaina V, Goffredo BM, Benedetti MC, Camassei FD, Cacchione A, Locatelli F, Mastronuzzi A.

Oncotarget. 2016 Aug 16;7(33):52900-52911. doi: 10.18632/oncotarget.9284.

2016

Metastatic Group 3 Medulloblastoma in a Patient With Tuberous Sclerosis Complex: Case Description and Molecular Characterization of the Tumor.

Moavero R*, **Folgiero V***, Carai A, Miele E, Ferretti E, Po A, Diomedi Camassei F, Lepri FR, Vigeveno F, Curatolo P, Valeriani M, Colafati GS, Locatelli F, Tornesello A, Mastronuzzi A.

*co-first authors

Pediatr Blood Cancer. 2016 Apr;63(4):719-22. doi: 10.1002/pbc.25851. Epub 2015 Dec 2

2015

TIM-3/Gal-9 interaction induces IFN γ -dependent IDO1 expression in Acute Myeloid Leukemia

Folgiero V*, Cifaldi L, Li Pira G, Goffredo BM, Vinti L, Locatelli F*

*co-corresponding authors

J Hematol Oncol. 2015 Apr 16;8:36. doi: 10.1186/s13045-015-0134-4.

2013

Indoleamine 2,3-dioxygenase 1 (IDO1) activity in leukemia blasts correlates with poor outcome in childhood acute myeloid leukemia

Folgiero V, Goffredo BM, Filippini P, Masetti R, Bonanno G, Caruso R, Bertaina V, Mastronuzzi A, Gaspari S, Zecca M, Torelli GF, Testi AM, Pession A, Locatelli F, Rutella S.

Oncotarget. 2014 Apr 30;5(8):2052-64. doi: 10.18632/oncotarget.1504.

2013

p53 is required for brown adipogenic differentiation and has a protective role against diet-induced obesity.

Molchadsky A, Ezra O, Amendola PG, Krantz D, Kogan-Sakin I, Buganim Y, Rivlin N, Goldfinger N, **Folgiero V**, Falcioni R, Sarig R, Rotter V.

Cell Death Differ. 2013 May;20(5):774-83. doi: 10.1038/cdd.2013.9. Epub 2013 Feb 15.

2012

Indoleamine 2,3-dioxygenase 1 (IDO1) activity correlates with immune system abnormalities in multiple myeloma.

Bonanno G, Mariotti A, Procoli A, **Folgiero V**, Natale D, De Rosa L, Majolino I, Novarese L, Rocci A, Gambella M, Ciciarello M, Scambia G, Palumbo A, Locatelli F, De Cristofaro R, Rutella S.

J Transl Med. 2012 Dec 11;10:247. doi: 10.1186/1479-5876-10-247.

2012

Blocking ErbB-3/p85 interaction by a phosphotyrosyl-peptide improves Trastuzumab responsiveness of metastatic ErbB-2 positive breast cancers

Folgiero V*, Di Carlo SE, Bon G, Spugnini EP, Di Benedetto A, Germoni S, Pia Gentileschi M, Accardo A, Milella M, Morelli G, Bossi G, Mottotese M, Falcioni R*.

*co-corresponding authors

Cell Death Dis. 2012 Dec 6;3(12):e440. doi: 10.1038/cddis.2012.179

2012

HIPK2 downregulates vimentin and inhibits breast cancer cell invasion

Nodale C, Sheffer M, Jacob-Hirsch J, **Folgiero V**, Falcioni R, Aiello A, Garufi A, Rechavi G, Givol D, D'Orazi G

Cancer Biol Ther. 2012 Feb 15;13(4):198-205. doi: 10.4161/cbt.13.4.18694. Epub 2012 Feb 15

2010

Transcription factor NF- κ B induces apoptosis in cells expressing wild-type p53 through E2F1 upregulation and p53 activation.

Gurtner A, Fuschi P, Martelli F, Manni I, Artuso S, Simonte G, Ambrosino V, Antonini A, **Folgiero V**, Falcioni R, Sacchi A, Piaggio G.

Cancer Res. 2010 Dec 1;70(23):9711-20. doi: 10.1158/0008-5472.CAN-10-0721. Epub 2010 Oct 15.

2010

Purification and characterization of adipose-derived stem cells from patients with lipoaspirate transplant

Folgiero V, Migliano E, Tedesco M, Iacovelli S, Bon G, Torre ML, Sacchi A, Marazzi M, Bucher S, Falcioni R.

Cell Transplant. 2010;19(10):1225-35. doi: 10.3727/09638910X519265.

2009

Negative regulation of $\alpha 6 \beta 4$ integrin transcription by HIPK2 and p53 impairs tumor progression.

Bon G, Di Carlo SE, **Folgiero V**, Avetrani P, Lazzari C, D'Orazi G, Brizzi MF, Sacchi A, Soddu S, Blandino G, Mottolese M, Falcioni R.

Cancer Res. 2009 Jul 15;69(14):5978-86. doi: 10.1158/0008-5472.CAN-09-0244. Epub 2009 Jun 30.

2008

Induction of ErbB-3 Expression by $\alpha 6 \beta 4$ Integrin Contributes to Tamoxifen Resistance in ER β 1-Negative Breast Carcinomas.

Folgiero V, Avetrani P, Bon G, Di Carlo SE, Fabi A, Nisticò C, Vici P, Melucci E, Buglioni S, Perracchio L, Sperduti I, Rosanò L, Sacchi A, Mottolese M, Falcioni R.

PLoS One. 2008 Feb 13;3(2):e1592. doi: 10.1371/journal.pone.0001592

2007

Involvement of $\alpha 6 \beta 4$ integrin in the mechanisms that regulate breast cancer progression

Bon G, **Folgiero V**, Bossi G, Felicioni L, Marchetti A, Sacchi A, Falcioni R.

Breast Cancer Res. 2007;9(1):203. doi: 10.1186/bcr1651

2007

The $\alpha 6 \beta 4$ integrin can regulate Erb-B3 expression: implications for $\alpha 6 \beta 4$ signaling and function.

Folgiero V, Bachelder RE, Bon G, Sacchi A, Falcioni R, Mercurio AM

Cancer Res. 2007 Feb 15;67(4):1645-52. doi: 10.1158/0008-5472.CAN-06-2980.

2006

The loss of $\beta 4$ integrin subunit reduces the tumorigenicity of MCF7 mammary cells and causes apoptosis upon hormone deprivation.

Bon G, **Folgiero V**, Bossi G, Felicioni L, Marchetti A, Sacchi A, Falcioni R.

Clin Cancer Res. 2006 Jun 1;12(11 Pt 1):3280-7. doi: 10.1158/1078-0432.CCR-05-2223.

● **CONFERENCES AND SEMINARS**

03/05/2023 – 05/05/2023 Mainz, DE

20th CIMT Annual Meeting

"AATF/Che-1 RNA polymerase II binding protein overexpression reduces the anti-tumor NK-cell cytotoxicity through immune check-point modulation"

Caforio M, Tumino N, Sorino C, Manni I, Di Giovenale S, Piaggio G, Iezzi S, Strimpakos G, Mattei E, Moretta L, Fanciulli M, Vacca P, Locatelli F, Folgiero V

Poster

10/10/2022 – 12/10/2022 Turin, IT

XLVII Congresso Nazionale AIEOP

"La Plasticità degli enhancer sostiene la trasformazione oncogenica e la progressione della BCP-ALL"
Caforio M, Corleone G, Sorino C, Di Giovenale S, De Nicola F, Bertaina V, Pitisci A, Cortile C, Locatelli F, Fanciulli M, Folgiero V
Poster

19/05/2022 – 21/05/2022 Rimini, IT

EMBO workshop: The many faces of cancer evolution

"Enhancer plasticity sustains oncogenic transformation and progression of B-cell Acute Lymphoblastic Leukemia"
Giacomo Corleone, Matteo Caforio, Cristina Sorino, Francesca De Nicola, Stefano Di Giovenale, Valentina Bertaina, Angela Pitisci, Franco Locatelli, Maurizio Fanciulli and Valentina Folgiero

Oral presentation

08/04/2022 – 14/04/2022 New Orleans, Louisiana, USA

AACR Annual Meeting

"Mapping the DNA accessibility Landscape of BCP-ALL patients revealed principles of tumor evolution"
Giacomo Corleone, Matteo Caforio, Cristina Sorino, Francesca De Nicola, Stefano Di Giovenale, Valentina Bertaina, Angela Pitisci, Franco Locatelli, Maurizio Fanciulli and Valentina Folgiero

Poster

21/10/2021 – 24/10/2021 Virtual

SIOP Pediatric Oncology

Giacomo Corleone, Matteo Caforio, Cristina Sorino, Francesca De Nicola, Stefano Di Giovenale, Valentina Bertaina, Angela Pitisci, Franco Locatelli, Maurizio Fanciulli and Valentina Folgiero

Poster

09/06/2021 – 12/06/2021 Virtual

EACR- 2021

Write here the description.."Secretion of the pro-inflammatory cytokine IFNgamma produced by activated NK and GD2 Redirected CAR-T cells overcomes MYCN-dependent IDO1 Inhibition, contributing to Neuroblastoma immune-escape"
Caforio Matteo, Sorino Cristina, Caruana Ignazio, Weber Gerrit, Camera Antonio, Cifaldi Loredana, De Angelis Biagio, Vitale Alessia, Goffredo Bianca Maria, Compagnone Mirco, Fruci Dorian, Quintarelli Concetta, Fanciulli Maurizio, Locatelli Franco, Folgiero Valentina

Poster.

02/03/2020 – 04/03/2020 Lisbon, Portugal

EACR-AACR Conference "Tumor microenvironment"

"Secretion of the pro-inflammatory cytokine IFNγ produced by activated NK and GD2 Redirected CAR-T cells overcomes MYCN-dependent IDO1 Inhibition, contributing to Neuroblastoma immune-escape"
Caforio Matteo, Sorino Cristina, Caruana Ignazio, Weber Gerrit, Camera Antonio, Cifaldi Loredana, De Angelis Biagio, Vitale Alessia, Goffredo Bianca Maria, Compagnone Mirco, Fruci Dorian, Quintarelli Concetta, Fanciulli Maurizio, Locatelli Franco, Folgiero Valentina

Poster

06/11/2019 – 08/11/2019 Napoli, IT

SIC congress

"Secretion of the pro-inflammatory cytokine IFNgamma produced by activated NK and GD2 redirected CAR-T cells overcomes MycN-dependent IDO1 inhibition, contributing to neuroblastoma cells immune escape"
Caforio Matteo, Sorino Cristina, Caruana Ignazio, Weber Gerrit, Camera Antonio, Cifaldi Loredana, De Angelis Biagio, Vitale Alessia, Goffredo Bianca Maria, Compagnone Mirco, Fruci Dorian, Quintarelli Concetta, Fanciulli Maurizio, Locatelli Franco, Folgiero Valentina

Oral Presentation

13/10/2019 – 15/10/2019 Catania, IT

AIEOP Congress

"Secretion of the pro-inflammatory cytokine IFNgamma produced by activated NK and GD2 redirected CAR-T cells overcomes MycN-dependent IDO1 inhibition, contributing to neuroblastoma cells immune escape"
Caforio Matteo, Sorino Cristina, Caruana Ignazio, Weber Gerrit, Camera Antonio, Cifaldi Loredana, De Angelis Biagio, Vitale Alessia, Goffredo Bianca Maria, Compagnone Mirco, Fruci Dorian, Quintarelli Concetta, Fanciulli Maurizio, Locatelli Franco, Folgiero Valentina

Poster

13/06/2019 – 16/06/2019 Amsterdam, NE

EHA Congress

Exosomes-mediated delivery of RNA oligos directed to Che-1/AATF impairs BCP-ALL vitality

Matteo Caforio, Cristina Sorino, Valentina Bertaina, Angela Pitisci, Giulia Battafarano, Andrea Del Fattore, Maurizio Fanciulli, Valentina Folgiero and Franco Locatelli

19/09/2018 – 22/09/2018 Milano, IT

60th SIC congress

Che-1/AATF is a new actor in the c-Myc-driven cell proliferation in pediatric B-cell precursor acute lymphoblastic leukemia

Valentina Folgiero, Cristina Sorino, Matteo Pallocca, Matteo Caforio, Francesca De Nicola, Frauke Goeman, Valentina Bertaina, Angela Pitisci, Luisa Strocchio, Maurizio Fanciulli and Franco Locatelli

Poster

26/05/2018 – 01/06/2018 Bologna, IT

XLII AIEOP Congress

Che-1/AATF è coinvolta nell'attività trascrizionale di c-Myc per il controllo della proliferazione dei blasti leucemici sia umani che murini

Valentina Folgiero, Cristina Sorino, Matteo Pallocca, Francesca De Nicola, Frauke Goeman, Matteo Caforio, Valentina Bertaina, Luisa Strocchio, Angela Pitisci, Maurizio Fanciulli and Franco Locatelli

Poster

31/03/2017 – 01/04/2017 Roma, IT

Future Brain : i tumori cerebrali infantili

"IDO1 involvement in mTOR pathway: a molecular mechanism of resistance to mTOR targeting in medulloblastoma"

Valentina Folgiero, Evelina Miele, Andrea Carai, Elisabetta Ferretti, Vincenzo Alfano, Agnese Po, Valentina Bertaina, Bianca Maria Goffredo, Maria Chiara Benedetti, Francesca Diomedei Camassei, Antonella Cacchione, Franco Locatelli, Angela Mastronuzzi

Oral Presentation

06/09/2016 – 09/09/2016 Roma, IT

SSIEM

"The immunological basis of Vici syndrome"

Piano Mortari Eva, Jungbluth Heinz, Folgiero Valentina, Dionisi-Vici Carlo, Carsetti Rita

Oral presentation

03/12/2016 – 06/12/2016 San Diego, CA

58th ASH Annual Meeting

"A new insight into pediatric leukemia: Che-1 involvement in oncogenic c-Myc signaling"

Valentina Folgiero, Cristina Sorino, Valentina Bertaina, Francesca De Nicola, Frauke Goeman, Paolo Romania, Matteo Pallocca Doriana Fruci, Alice Bertaina, Luciana Vinti, Maurizio Fanciulli, Franco Locatelli

Poster

14/09/2015 – 15/09/2015 Napoli, IT

IV workshop AIEOP in LAB

"Coinvolgimento di IDO1 nel medulloblastoma: una possibile interazione con mTOR"

Valentina Folgiero, Angela Mastronuzzi, Andrea Carai, Francesca Del Bufalo, Franco Locatelli.

Poster

09/03/2015 – 11/03/2015 Riva del Garda, IT

CONVENTION SCIENTIFICA TELETHON

"Deciphering the mechanism of immune dysfunction in Vici syndrome"

Dionisi-Vici C., Martinelli D., Piano Mortari E., Marcellini V., Folgiero V., Carsetti R.

Poster

28/06/2014 – 02/07/2014 Singapore

International Symposium on Pediatric Neuro-Oncology

"IDO1 involvement in medulloblastoma: a possible interaction with mTOR"

Valentina Folgiero, Francesca del Bufalo, Andrea Carai, Maria Giuseppina Cefalo, Arianna Citti, Sergio Rutella, Franco Locatelli and Angela Mastronuzzi.

Poster

03/05/2013 – 07/05/2013 Honolulu- Haway

IMMUNOLOGY, AAI Annual Meeting

Poster

26/10/2013 – 28/10/2013 North Bethesda, MD

SITC 27th Annual Meeting

Poster

08/09/2011 – 10/09/2011 Ravenna, iT

ABCD National Congress

Poster

04/10/2010 – 07/10/2010 Roma, IT

SIC (Italian Society of Cancerology) National Congress in collaboration with AACR

Oral Presentation

10/09/2008 – 13/09/2008 Cosenza, IT

National Congress SIP (Italian Society of Pathology) in collaboration with American Society of Pathology

Oral Presentation

25/06/2007 – 27/06/2007 Torino, IT

National Congress SIBBM (Italian Society of BIOphysic and Molecular Biology) "Molecular determinant of cell signaling"

Oral presentation

30/03/2007 – 31/03/2007 Roma, IT

International Congress ABCD and UK Adhesion Society Meeting " Mechanisms of Signal Transduction in Cell Adhesion and Differentiation

Oral presentation

24/03/2006 – 25/03/2006 Siena, IT

National Congress ABCD "Mechanisms of Signal Transduction in Cell Adhesion and Differentiaion

Oral presentation

● **PATENT**

2013 – 2023

Holder of a European patent: Use of a Phosphopeptide able to block HER3/P85 interaction for the treatment of HER2 hyper-expressing tumours

Use of a Phosphopeptide able to block HER3/P85 interaction for the treatment of HER2 hyper-expressing tumours
n.EU20130259929

● **TECHNICAL SKILLS**

Procedures

Molecular Biology: Bacterial transformations and plasmids amplifications. DNA and RNA extractions from cells e tissues. RT-PCR. Real Time PCR.

Cellular Biology: Cell culture techniques. Stable and transient transfection in eukariotic cell lines. Extraction and culture of stem cells from adipose tissue. Treatments. RNA interference, MTLR, magnetic cellular sorting, MTLC cell cultures, viral transduction, exosomes production and loading, CRISPR/Cas9 system application, ficoll, CAR T-cells co-cultur, invasion assay

Biochemistry: Immunoprecipitations, pulldown-assay, Western Blot, dot-blot, FACS analysis, chromatography

Functional Tests: Apoptosis by Annexin V assay, enzymatic assay, radiolabelled activity assay

Ability to work with lab animals: subcutaneous and I.L. cell injection, intraperitoneal treatments, bioimaging, extraction of organs.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV and application for recruiting purposes

Valentina Folgiero

Rome , 08/07/2024

Valentina Folgiero