

PERSONAL INFORMATION

Zein Mersini Besharat

EDUCATION AND TRAINING

- 10/2013–12/2016 **PhD in Molecular Medicine with Honours**
 Sapienza University of Rome, Department of Molecular Medicine, Rome (Italy)
 Bioinformatics
 Next Generation Sequencing Data Analysis
 Director of the PhD Program: Professor Isabella Screpanti
 PhD Thesis title: "High-throughput mRNA sequencing in Neural cerebellar Stem Cells"
- 2005–10/06/2013 **Diploma of Electrical and Computer Engineering, Master of Engineering Communications** Degree: 7.12/10
 "Very Good"
 School of Electrical and Computer Engineering, National Technical University of Athens, Athens (Greece)
 Supervising Professor: Konstantina Nikita
 Diploma thesis title: "Implementation of neural network with feedback for predicting glucose in patients with type 1 diabetes mellitus"
- 30/06/2005 **Unified Lyceum Graduation Degree** 18.9/20
 "Excellent"
 9th Unified Lyceum of Amarousio, Athens (Greece)

WORK EXPERIENCE

- 2017–2019 **Post-doc research contracts**
 15/12/2018-15/10/2019: Post-doc bioinformatics fellowship
 Siena (Italy)
 Evaluation of microRNAs as biomarkers of response to therapy and tolerability of hypoglycemic drugs in Type 2 Diabetes Mellitus (T2DM) patients
- 25/09/2017-24/01/2018: Post-doc bioinformatics fellowship
 Rome (Italy)
 Identification of circulating RNA through next generation sequencing, in detail next generation sequencing data analysis of Type 2 Diabetes Mellitus (T2DM) patients before and after treatment
- 2014–Present **International research activities in bioinformatics analyses using omics tools**
 1) microRNA-seq data analyses, German Cancer Research Center, Heidelberg, Germany
 2) Advanced use of R2 molecular platform, Academic Medical Center, University of Amsterdam
 3) RNA-seq Bioinformatics, Leipzig, Germany
 4) miRNA detection, Leipzig, Germany
 5) Promoter analysis using Genomatix, Munich, Germany

6) NGS data analysis using Genomatix, Munich, Germany

2016–Present **Scientific and technological experience - Participation in Italian and International research groups**

Italian: Sapienza University (Dep. of Radiological, Oncological and Pathological Science, Dep. of Drug Chemistry and Technologies , Dep. of Molecular Medicine), Ospedale Pediatrico Bambino Gesù, University of Siena

International: David H. Koch Institute for Integrative Cancer Research MIT Cambridge (MA) USA, Heidelberg University Germany, University of Bern Switzerland

Scopus bibliometric indicators

Number of publications in international databases recognized for the national scientific qualification: 24

Total number of citations: 210

Average number of citations per publication: 8.75

Total Impact Factor, relative to the impact factor of 2018: 94.653

Average Impact Factor per publication, relative to the impact factor 2018: 3.94

Total number of publications as first or last author in international journals with impact facto>1: 5

Hirsch index: 9

2014–Present **National training activities in bioinformatics analyses using omics tools**

- 1) "Medical writing" workshop, Sapienza University of Rome, Italy
- 2) "Training Course on Best practices for RNA-Seq data analysis", ELIXIR-IIB Training, University of Salerno, Italy
- 3) "An introductory course to RNA-seq", MBC, Via Nizza 52, Torino, Italy
- 4) "High Throughput Sequencing data analysis - HTS BeMM 2015", Sapienza University of Rome, Italy
- 5) "2nd Bioinformatics introductory Course", Perugia, Italy

2018–Present **Teaching appointments**

Professor of English in Biotechnology, Biotechnology Degree, Sapienza University of Rome, academic years 2018 – present

Professor of English III - Evidence Based Medicine, Medical School, Course D, Sapienza University of Rome, academic year 2018/2019

2017–2019 **Participation in financed research projects**

5/12/2018-15/10/2019: Post-doc bioinformatics fellowship
Siena (Italy)

Evaluation of microRNAs as biomarkers of response to therapy and tolerability of hypoglycemic drugs in Type 2 Diabetes Mellitus (T2DM) patients

25/09/2017-24/01/2018: Post-doc bioinformatics fellowship
Rome (Italy)

Curriculum vitae

Identification of circulating RNA through next generation sequencing, in detail next generation sequencing data analysis of Type 2 Diabetes Mellitus (T2DM) patients before and after treatment

07/11/2019–08/11/2019 [Oral presentations in conferences](#)

Montpellier (France)

International LifeTime Conference, Oral presentation

"Experimental disease models, Longitudinal samples and Data Integration"

Genopolys , Campus Arnaud de Villeneuve , 141 Rue de la Cardonille , 34396 Montpellier cedex 5

[Honours and awards](#)

2018 – 2019 Post-doc fellowship research on the evaluation of microRNAs as biomarkers of response to therapy and tolerability of hypoglycemic drugs

2017 – 2018 Post-doc fellowship awarded for the Fondazione Roma Project “ Non communicable diseases in the elderly: Circulating microRNAs and long non coding RNA as novel biomarkers of response to therapy in metabolic diseases”

2013 - 2016 Three year scholarship for the completion of PhD in Molecular Medicine

1999 - 2005 Excellence Award in all classes of secondary education Gymnasium and Lyceum

2018–Present [Referee of International Scientific Journals](#)

BMC Cancer, Cancer Management and Research, OncoTargets and Therapy

2014–Present [International memberships](#)

2019 – Present

Member of the European Association for Cancer Research (EACR), Member ID EACR27439

2014 – Present

Member of the European SIOP-LGG preclinical working group (preclinical working group on low grade glioma, LGG, of the International Society of Pediatric Oncology, SIOP)

PERSONAL SKILLS

[Mother tongue\(s\)](#) Greek

[Foreign language\(s\)](#)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Proficiency in English (University of Cambridge) Certificate Number: 0010594124					
Arabic	C2	C2	C2	C2	C2
Italian	C1	C1	C1	C1	C1
German	B2	B2	B2	B2	B2
Zertifikat Deutsch Nr.MB: 37165					
French	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Ability to adapt in multicultural environments due to early exposure in different cultures
- Able to explain and teach different subjects to younger and coeval students
- Resolving and diffusing difficult situations
- Team spirit gained through sports activities

Organisational / managerial skills

- Able to lead a group due to group assignments in courses
- Sense of organization
- Work confidently under pressure

Job-related skills

- Knowledge of research methodologies, data and information collection due to course assignments, my diploma thesis and my PhD
- Imaginative problem solver, good listener and keen learner

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Applications: Adobe Acrobat Pro, Adobe Dreamweaver, Adobe Fireworks, Adobe Flash Professional, Adobe Illustrator, Adobe Media Encoder, Adobe Photoshop, Filemaker Pro, Final Cut Pro, Google Chrome, Internet Explorer, Matlab, Excel, Word, Outlook, Powerpoint, Mozilla Firefox

Programming Languages: Assembly, Pascal, C#, Java, Haskell, HTML, Prolog

Operating Systems: Unix, Windows 7, Windows Vista, Windows XP, MS-DOS

NGS DATA ANALYSIS

mRNA and miRNA analysis

RNA-seq data analysis using Chipster, FastQC quality control, Mapping, Differential Expression (DESeq, edgeR, DESeq2) and Pathway analysis with Genomatix, sRNAbench for miRNA analysis, Differential Expression of mRNA using R (DESeq), use of Genome Browsers (UCSC, NCBI), Annotation and Pathways (DAVID, KEGG, IPA), Design of Primers

ADDITIONAL INFORMATION

Conferences attended

18 September 2017

"Strengthening the Mediterranean partnership in the field of public health", Colorectal Cancer Mediterranean Network, Istituto Superiore di Sanità, Rome, Italy

6-9 September 2017

"Bioinformatics and its Applications in Health, Biodiversity and the Environment", Foundation for Research and Technology Hellas (FORTH), Heraklion, Greece

Curriculum vitae

19 June 2017

"Role of nitric oxide and cyclic GMP in cell signaling", Nobel Laureate in Medicine 1998
Prof. Ferid Murad, Rome, Italy

19-20 January 2017

"Opening Symposium for the new Treatment and Research Center
for Pediatric Oncology and Hematology", Heidelberg, Germany

15-16 September 2016

SIOP-LGG preclinical working group, Paris, France

17-18 September 2015

SIOP-LGG preclinical working group, Rome, Italy

7-10 January 2014

"RNA-seq data analysis workshop" (CSC - IT Center for Science LTD, Espoo, Finland)

18-19 November 2013

"5th Annual Next Generation Sequencing Congress and Single Cell Analysis Congress 2013"
(ExCel Exhibition Center London, UK)

26-28 April 2013

6th Panhellenic Conference of Electrical and Computer Engineering Students on "Innovation:
The response of the new engineer in modern dilemmas" (Convention Center Novotel Athens,
Athens, Greece)

12 November 2011

Scientific conference on "Technological Developments in the Treatment of Diabetes" (Private
clinic MITERA, Athens, Greece)

21-23 May 2009

9th Panhellenic Conference of Laparoscopic Surgery and International Symposium on
"Cooperation in the Evolution of Surgery" (Megaron Athens International Conference Centre,
Athens, Greece) - Demonstration of robotic surgical system da vinci

Further education

3 March 2014 - June 2014

Bioinformatic Methods II

Prof. Nicholas James Provart

(Coursera - University of Toronto)

13 January 2014 - 3 March 2014

Bioinformatic Methods I

Prof. Nicholas James Provart

(Coursera - University of Toronto)

4 November 2013 - 14 January 2014

Bioinformatics Algorithms (Part 1)

Prof. Phillip E. C. Compeau, Prof. Nikolay Vyahhi, Prof Pavel Pevzner

(Coursera - University of California, San Diego)

22 April 2013 - 1 July 2013

Machine Learning
Prof. Andrew Ng
(Coursera - Stanford University)

19 April 2013 - 14 June 2013
Computational Neuroscience
Prof. Adrienne Fairhall, Prof. Rajesh P. N. Rao
(Coursera - University of Washington)

Research interests Bioinformatics
Cancer Genomics
Multilevel analysis of complex physiological and biological processes
Simulation and modelling of complex biological and physiological systems
Health Telematics Applications
Medical applications and Security of electromagnetic waves
Computer systems support of clinical decision making
Neural Networks
Analysis of image and video
Artificial Intelligence
Computer Networks
Human Computer Interaction
Mobile Telecommunications System
Neuroinformatics - Computational Neuroscience
Network communications systems and protocols
Network Security
Signal Processing

Research projects Ongoing:
2014 - High-throughput sequencing : RNA-seq, miRNA-seq data analysis
Completed:
2013 - "Implementation of neural network with feedback for predicting glucose in patients with type 1 diabetes mellitus"
2010 - "Analysis of gray-scale medical images"
2009 - "Delirium in I.C.U patients and the mental status changes in patients hospitalized in I.C.U"

Publications

Researcher identifiers
ORCID: 0000-0003-0317-9854

ResearcherID: A-3898-2015

Scopus Author ID: 56595254100
Google Scholar: Besharat ZM

Curriculum vitae

Scientific production

Publications: 24

H-index: 9 (Scopus), 9 (Google Scholar)

Book chapters: 1

Publications

Pelullo M., Nardoza F., Zema S., Quaranta R., Nicoletti C., Besharat Z.M., Felli M.P., Cerbelli B., d'Amati G., Palermo R., Capalbo C., Talora C., Di Marcotullio L., Giannini G., Checquolo S., Screpanti I., Bellavia D. Kras/ADAM17-dependent Jag1-ICD reverse signalling sustains colorectal cancer progression and chemoresistance. *Cancer research*. 2019 Jan 1;canres-0145. doi: 10.1158/0008-5472.CAN-19-0145

Zwergel C., Romanelli A., Stazi G., Besharat Z.M., Catanzaro G., Tafani M. and Valente S. and Mai A. 2018. Application of Small Epigenetic Modulators in Pediatric Medulloblastoma. *Frontiers in Pediatrics*. 6, p.370. doi: 10.3389/fped.2018.00370.

Besharat Z.M., Sabato C., Po A., Gianni F., Abballe L., Napolitano M., Miele E., Giangaspero F., Vacca A., Catanzaro G. and Ferretti E., 2018. Low Expression of miR-466f-3p Sustains Epithelial to Mesenchymal Transition in Sonic Hedgehog Medulloblastoma Stem Cells Through Vegfa-Nrp2 Signaling Pathway. *Frontiers in Pharmacology*. 9. doi: 10.3389/fphar.2018.01281.

Abballe L., Mastronuzzi A., Miele E., Carai A., Besharat Z.M., Moretti M., De Smaele E., Giangaspero F., Locatelli F., Ferretti E. and Po A., 2018. Numb Isoforms Deregulation in Medulloblastoma and Role of p66 Isoform in Cancer and Neural Stem Cells. *Frontiers in Pediatrics*. 6, p.315. doi: 10.3389/fped.2018.00315.

Gasparri, M.L., Besharat, Z.M., Farooqi, A.A., Khalid, S., Taghavi, K., Besharat, R.A., Sabato, C., Papadia, A., Panici, P.B., Mueller, M.D. and Ferretti, E., 2018. MiRNAs and their interplay with PI3K/AKT/mTOR pathway in ovarian cancer cells: a potential role in platinum resistance. *Journal of Cancer Research and Clinical Oncology*, pp.1-6. doi: 10.1007/s00432-018-2737-y.

Po A., Abballe L., Sabato C., Gianni F., Chiacchiarini M., Catanzaro G., De Smaele E., Giangaspero F., Ferretti E., Miele E., Besharat Z.M. Sonic Hedgehog Medulloblastoma Cancer Stem Cells Mirnome and Transcriptome Highlight Novel Functional Networks. *Int. J. Mol. Sci.* 2018, 19, 2326. doi: 10.3390/ijms19082326.

Ferrandino F., Bernardini G., Tsaouli G., Grazioli P., Campese A.F., Noce C., Ciuffetta A., Vacca A., Besharat Z.M., Bellavia D., Screpanti I., Felli M.P. Intrathymic Notch3 and

CXCR4 combinatorial interplay facilitates T-cell leukemia propagation. *Oncogene*. 2018. doi: 10.1038/s41388-018-0401-2.

Diluvio G., Del Gaudio F., Giuli M.V., Franciosa G., Giuliani E., Palermo R., Besharat Z.M., Pignataro M.G., Vacca A., d'Amati G., Maroder, M., Talora C., Capalbo C., Bellavia D. and Checquolo S. 2018. NOTCH3 inactivation increases triple negative breast cancer sensitivity to gefitinib by promoting EGFR tyrosine dephosphorylation and its intracellular arrest. *Oncogenesis*, 7(5), p.42. doi: 10.1038/s41389-018-0051-9.

Catanzaro G., Besharat Z.M., Chiacchiarini M., Abballe L., Sabato C., Vacca A., Borgiani P., Dotta F., Tesaro M., Po A., Ferretti E. Circulating MicroRNAs in Elderly Type 2 Diabetic Patients. *International Journal of Endocrinology*. vol. 2018, Article ID 6872635, 11 pages, 2018. doi:10.1155/2018/6872635.

Catanzaro G., Besharat Z.M., Miele E., Chiacchiarini M., Po A., Carai A., Marras C.E., Antonelli M., Badiali M., Raso A., Mascelli S., Schrimpf D., Stichel D., Tartaglia M., Capper D., von Deimling A., Giangaspero F., Mastronuzzi A., Locatelli F., Ferretti E. The miR-139-5p regulates proliferation of supratentorial paediatric low-grade gliomas by targeting the PI3K/AKT/mTORC1 signalling. *Neuropathology and Applied Neurobiology* 2018. doi: 10.1111/nan.12479.

Besharat Z.M., Abballe L., Cicconardi F., Bhutkar A., Grassi L., Le Pera L., Moretti M., Chinappi M., D'Andrea D., Mastronuzzi A., Ianari A., Vacca A., De Smaele E., Locatelli F., Po A., Miele E., Ferretti E. Foxm1 controls a pro-stemness microRNA network in neural stem cells. *Scientific Reports* 2018;8:3523. doi: 10.1038/s41598-018-21876-y.

Bisicchia E., Sasso V., Catanzaro G., Leuti A., Besharat Z.M., Chiacchiarini M., Molinari M., Ferretti E., Viscomi M.T., Chiurchiù V. Resolvin D1 Halts Remote Neuroinflammation and Improves Functional Recovery after Focal Brain Damage Via ALX/FPR2 Receptor-Regulated MicroRNAs. *Molecular Neurobiology*. 2018:1-2. doi: <https://doi.org/10.1007/s12035-018-0889-z>.

Catanzaro G., Sabato C., Russo M., Rosa A., Abballe L., Besharat Z.M., Po A., Miele E., Bellavia D., Chiacchiarini M., Gessi M., Peruzzi G., Napolitano M., Antonelli M., Mastronuzzi A., Giangaspero F., Locatelli F., Screpanti I., Vacca A., Ferretti E. Loss of miR-107, miR-181c and miR-29a-3p Promote Activation of Notch2 Signaling in Pediatric High-Grade Gliomas (pHGGs). *International Journal of Molecular Sciences*. 2017; 18(12):2742; doi:10.3390/ijms18122742.

Miele E., Valente S., Alfano V., Silvano M., Mellini P., Borovika D., Marrocco B., Po A., Besharat Z.M., Catanzaro G., Battaglia G., Abballe L., Zwergel C., Stazi G., Milite C., Castellano S., Tafani M., Trapencieris P., Mai A., Ferretti E. The histone methyltransferase EZH2 as a druggable target in SHH medulloblastoma cancer stem cells. *Oncotarget*, 2 August

2017; doi: <https://doi.org/10.18632/oncotarget.19782>.

Miele E., Po A., Begalli F., Antonucci L., Mastronuzzi A., Marras C.E., Carai A., Cucchi D., Abballe L., Besharat Z.M., Catanzaro G., Infante P., Di Marcotullio L., Canettieri G., De Smaele E., Screpanti I., Locatelli F., Ferretti E. β -arrestin1-mediated acetylation of Gli1 regulates Hedgehog/Gli signaling and modulates self-renewal of SHH medulloblastoma Cancer Stem Cells. BMC Cancer. 2017. 17:488. doi: 10.1186/s12885-017-3477-0.

Po A., Silvano M., Miele E., Capalbo C., Eramo A., Salvati V., Todaro M., Besharat Z.M., Catanzaro G., Cucchi D., Coni S., Di Marcotullio L., Canettieri G., Vacca A., Stassi G., De Smaele E., Tartaglia M., Screpanti I., De Maria R. and Ferretti E. Noncanonical GLI1 signalling promotes stemness features and in-vivo growth in lung adenocarcinoma. Oncogene advance online publication, 3 April 2017; doi:10.1038/onc.2017.91.

Po A., Begalli F., Abballe L., Alfano V., Besharat Z.M., Catanzaro G., Vacca A., Napolitano M., Tafani M., Giangaspero F., Locatelli F., Ferretti E., Miele E. β -Arrestin1/miR-326 Transcription Unit Is Epigenetically Regulated in Neural Stem Cells Where It Controls Stemness and Growth Arrest. Stem Cells International, vol. 2017, Article ID 5274171, 2017. doi:10.1155/2017/5274171

Catanzaro G., Curcio M., Cirillo G., Spizzirri U.G., Besharat Z.M., Abballe L., Vacca A., Iemma F., Picci N. and Ferretti E., 2017. Albumin nanoparticles for glutathione-responsive release of cisplatin: new opportunities for medulloblastoma treatment. International Journal of Pharmaceutics.

Catanzaro G.*, Besharat Z. M.*, Garg N., Ronci M., Pieroni L., Miele E., Mastronuzzi A., Carai A., Alfano V., Po A., Screpanti I., Locatelli F., Urbani A. & Ferretti E. 2016. Micornas-Proteomic Networks Characterizing Human Medulloblastoma-Slcs., Stem Cells International, 2016, E2683042. *(co-senior authorsip)

Dolci M., Migliau G., Besharat Z. M., Besharat L. K. & Gallottini L. 2016. Prevalence And Distribution Of Endodontic Treatments And Apical Periodontitis In An Italian Population Sample. European Journal Of Inflammation, 14, 48-53.

Franciosa G., Diluvio G., Gaudio F. D., Giuli M. V., Palermo R., Grazioli P., Campese A. F., Talora C., Bellavia D., D'amati G., Besharat Z. M., Nicoletti C., Siebel C. W., Choy L., Rustighi A., Sal G. D., Screpanti I. & Checquolo S. 2016. Prolyl-Isomerase Pin1 Controls Notch3 Protein Expression And Regulates T-All Progression. Oncogene.

Ronci M., Catanzaro G., Pieroni L., Po A., Besharat Z. M., Greco V., Levi Mortera S., Screpanti I., Ferretti E. & Urbani A. 2015. Proteomic Analysis Of Human Sonic Hedgehog (Shh) Medulloblastoma Stem-Like Cells. Mol Biosyst.

Silvano M., Miele E., Valerio M., Casadei L., Begalli F., Campese A., Besharat Z.M., Alfano V., Abballe L., Catanzaro G., Napolitano M., Vacca A., Screpanti I., Manetti C., Ferretti E. & Po A. 2015. Consequences Of Simulated Microgravity In Neural Stem Cells: Biological Effects And Metabolic Response. Journal Of Stem Cell Research & Therapy, 5.

Pelullo M., Quaranta R., Talora C., Checquolo S., Cialfi S., Felli M., Te Kronnie G.,

Borga C., Besharat Z. M., Palermo R., Di Marcotullio L., Capobianco A., Gulino A., Screpanti I. & Bellavia D. 2014. Notch3/Jagged1 Circuitry Reinforces Notch Signaling And Sustains T-All. *Neoplasia*, 16, 1007-17.

Book chapters

Gasparri M.L., Besharat Z.M., Besharat R.A., Ruscito I., Nirgianakis K., Farooqi A.A., Papadia A., Ferretti E., Benedetti Panici P., Mueller D.M. Current knowledge of mirnas as biomarkers in breast cancer; in Fayyaz S, Farooqi AA (eds): *Recent trends in cancer biology: Spotlight on signaling cascades and micrornas: Cell signaling pathways and micrornas in cancer biology*, Springer, 2018. doi: 10.1007/978-3-319-71553-7_12.

Posters 61th Annual Meeting of the Italian Cancer Society - SIC, "Precision Oncology: from myth to reality",
6-8 November 2019, Naples, Italy
Hotel Royal Continental
Poster 3: "Investigation of circulating microRNAs as novel biomarkers in Medullary Thyroid Carcinoma"
Chiacchiarini Martina, Citarella Anna, Gianni Francesca, Besharat Zein Mersini, Catanzaro Giuseppina, Cantara Silvia, Romei Cristina, Barchiesi Vittoria, Verrienti Antonella, Sabato Claudia, Trocchianesi Sofia, Cardinale Sandro, Cerrone Margherita, Ciampi Raffaele, Ramundo Valeria, Durante Cosimo, Pezzullo Luciano, Elisei Rossella, Castagna Maria Grazia, Ferretti Elisabetta

SIPMeT Young Meeting "Pathobiology: From Molecular Disease to Clinical Application",
13-14 September 2019, Florence, Italy
Plesso didattico Morgagni - Università degli Studi di Firenze
Poster 105: "Evaluation of Circulating microRNAs in Medullary Thyroid Carcinoma"
Citarella Anna, Francesca Gianni, Chiacchiarini Martina, Besharat Zein Mersini, Catanzaro Giuseppina, Cantara Silvia, Romei Cristina, Barchiesi Vittoria, Verrienti Antonella, Sabato Claudia, Sponziello Maria Luisa, Abballe Luana, Trocchianesi Sofia, Cardinale Sandro, Cerrone Margherita, Ciampi Raffaele, Ramundo Valeria, Durante Cosimo, Pezzullo Luciano, Castagna Maria Grazia, Elisei Rossella, Po Agnese, Ferretti Elisabetta

EACR-ESMO Joint Conference on Liquid Biopsies
15-17 May 2019, Centro Congressi Giovanni XXIII, Bergamo, Italy
Poster 18: "MicroRNAs profiles in liquid biopsies from patients with Medullary Thyroid Carcinoma"
Zein Mersini Besharat, Giuseppina Catanzaro, Martina Chiacchiarini, Silvia Cantara, Cristina Romei, Vittoria Barchiesi, Antonella Verrienti, Claudia Sabato, Maria Luisa Sponziello, Anna Citarella, Luana Abballe, Sofia Trocchianesi, Sandro Cardinale, Margherita Cerrone, Raffaele Ciampi, Valeria Ramundo, Agnese Po, Sebastiano Filetti, Francesco Dotta, Cosimo Durante, Luciano Pezzullo, Maria Grazia Castagna, Rossella Elisei, Elisabetta Ferretti

34th SIPMeT National Congress, 4th Joint Meeting of Pathology and Laboratory Medicine,
Second Joint Meeting in collaboration with ASIP-AMP-UEMS-WASPALM

Curriculum vitae

23-25 October 2018, Centro Congressi Hotel Baia Verde, Catania, Italy

Poster P053: "microRNA networks involved in neural stem cells maintenance"

Besharat Zein Mersini, Abballe Luana, Moretti Marta, Vacca Alessandra, De Smaele Enrico, Po Agnese, Maroder Marella, Ferretti Elisabetta

17th International Symposium on Pediatric Neuro-Oncology, ISPNO

12-15 June 2016, Liverpool, UK, Poster LG-38: " MicroRNA Profiling Of Pediatric Low-Grade Gliomas (pLGGs)"

Giuseppina Catanzaro, Zein Mersini Besharat, Angela Mastronuzzi, Andrea Carai, Evelina Miele, Agnese Po, Vincenzo Alfano, Marianna Silvano, Manila Antonelli, Felice Giangaspero, Franco Locatelli, Elisabetta Ferretti.

17th International Symposium on Pediatric Neuro-Oncology, ISPNO

12-15 June 2016, Liverpool, UK, Poster MB-34: "Circulating MicroRNAs In Group 4 Medulloblastoma Patients"

Evelina Miele, Vincenzo Alfano, Zein Mersini Besharat, Giuseppina Catanzaro, Angela Mastronuzzi, Andrea Carai, Agnese Po, Antonella Cacchione, Luana Abballe, Felice Giangaspero, Franco Locatelli, Elisabetta Ferretti.

American Association for Cancer Research. "AACR 2016: Abstracts 1-2696."

16-20 April 2016, New Orleans, Louisiana, USA, Poster: "Circulating microRNA signature in group 4 medulloblastoma patients."

Evelina Miele, Vincenzo Alfano, Zein Mersini Besharat, Giuseppina Catanzaro, Angela Mastronuzzi, Andrea Carai, Agnese Po, Luana Abballe, Antonella Cacchione, Franco Locatelli, Elisabetta Ferretti.

American Association for Cancer Research. "AACR 2016: Abstracts 1-2696."

16-20 April 2016, New Orleans, Louisiana, USA, Poster: "

"Non-canonical Hedgehog/Gli1 signaling drives lung adenocarcinoma stem cells survival and its targeting inhibits CSC-derived tumors.",

Agnese Po, Marianna Silvano, Evelina Miele, Adriana Eramo, Matilde Todaro, Carlo Capalbo, Valentina Salvati, Giovanni Sette, Danilo Cucchi, Zein M. Besharat, Gianluca Canettieri, Lucia Di Marcotullio, Isabella Screpanti, Giorgio Stassi, Ruggero De Maria, Ann Zeuner, Enrico De Smaele, Elisabetta Ferretti

"Anticancer Drug Action and Drug Resistance: from Cancer Biology to the Clinic", 20-23 June 2015, Firenze, Poster presentation: "Proteomic analysis of human sonic hedgehog(SHH) Medulloblastoma stem-like cells",

Z.M. Besharat, G. Catanzaro, M. Ronci, V. Alfano, L. Abballe, L. Pieroni, I. Screpanti, A. Urbani and E. Ferretti.

Personal data

I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".