Curriculum vitae

PERSONAL INFORMATION

Riccardo Bazzoni

Via don Orione 35, 37057 San Giovanni Lupatoto (Verona) (Italy)

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riccardo.bazzoni@univr.it

Sex Male | Date of birth 28/06/1990 | Nationality Italian

WORK EXPERIENCE

08/2017–09/2017 — Internship of medical research

at Department of Haematology - University of Verona; Supervisor Dr. Mauro Krampera

Subject: AML, MSC, stem cell, Wnt signaling pathway

11/2015–03/2017 — University internship of medical research

at School of Medicine and Surgery (University of Milano-Bicocca); Supervisor Dr. Angela Bentivegna

Subject: Glioblastoma Multiforme and Epigenetics

09/2012–03/2013 — University internship of medical research

at Department of Pathology and Diagnostic - University of Verona; Supervisor Dr. Marco Colombatti

Subject: Immunotoxins and CLL

EDUCATION AND TRAINING

01/10/2017–Present — PhD student in Experimental Biomedical and Clinical Sciences

University of Verona, Verona (Italy)

11/2014–03/2017 — Master Degree in Medical Biotechnology — 110/110 cum laude

University of Milano-Bicocca, Milan (Italy)

Title of thesis "Epigenetic targeting in glioma stem cells: Valproic acid affects Wnt signaling pathay, motility behavior and transcriptional activity" Supervisor Dr. Angela Bentivegna; Co-supervisor Dr. Gabriele Riva

10/2009–12/2013 — Bachelor degree in Biotechnology — 101/110

University of Verona, Verona (Italy)

Title of thesis "CD38 antigen as anti-tumoral immunotoxins target" Supervisor Dr. Massimiliano Perduca; Co-supervisor Dr. Marco Colombatti

09/2004–06/2009 — General certificate of Secondary Education (Liceo scientifico - Indirizzo Brocca)

Liceo Scientifico Galileo Galilei, Verona (Italy)

PERSONAL SKILLS

Mother tongue(s) — Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
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

Job-related skills

Cell biology:
- Human cell lines cultures
- Primary human cell cultures (Bone Marrow-derived Mesenchymal Stromal Cells and Peripheral blood-derived Lymphocytes B)
- Co-culture between leukemia and MS cells
- Human Peripheral Blood Mononuclear Cells (hPBMCs) isolation from Buffy Coat
- Immuno-magnetic cell separation from hPBMCs and Bone Marrow
- Vitality and Proliferation assay (MTT/XTT,CFSE and Trypan Blue assay)
- Immunofluorescence
- Immunoregulations
- Cell transfection (plasmids and miR mimic)
- Migration assay (Boiden chamber and Wound healing assay)
- Cytofluorimeter
- Production and purification of recombinant proteins from bacteria

Molecular biology:
- PCR
- Real-time PCR
- DNA/RNA extraction
- Gel electrophoresis
- Gene expression array
- Pharmacologic and Cytotoxicity assay
- Apoptotic Assays (Annexin V/Propidium assay)

Biochemistry:
- SDS page
- Western Blot

Animal models:
- Experimental mouse models
- Mice manipulation
- Intraperitoneal injection
- Transcardiac perfusion
- Organs collection
- Cell populations analysis

Digital skills

- Windows, Mac and Ubuntu OS
- Microsoft office suite
- good command of audio/video/photo editing software (PhotoShop, ImageJ, Avidemux, Handrake)
- good command of peer-to-peer and IRC protocol
- IPA (Ingenuity Pathways Analysis) software
- FlowJo software
- Database sites (BLAST, KEGG, Reactome)

ADDITIONAL INFORMATION

Research projects

"Development of selective immunotherapies against CD38+ subgruop of CLL" at Dep. of Pathology and Diagnostic – University of Verona (2012-2013); *partecipated as undergraduated candidate.*

Publications

- Resveratrol impairs glioma stem cells proliferation and motility by modulating the Wnt signaling pathway.
C. Cilibrasi, G. Riva, G. Romano, M. Cadamuro, **R. Bazzoni**, V. Butta, L. Paoletta, L. Dalprà, M. Strazzabosco, M. Lavitrano, R.o Giovannoni, A. Bentivegna
PLoS One. 2017 Jan 12;12(1):e0169854. doi: 10.1371/journal.pone.0169854.

- Valproic acid inhibits proliferation and selectively reduces invasiveness in glioma stem cell lines through the activation of Wnt/β catenin signaling pathway
C. Cilibrasi, G. Riva, **R. Bazzoni**, M. Cadamuro, C. Negroni, V. Butta, M. Strazzabosco, M. Lavitrano, L. Dalprà, A. Bentivegna
Submitted to Molecular Cancer

- Familial glioma: a review.
R. Bazzoni, A. Bentivegna
Waiting to submitted to Atlas of Genetics and Cytogentics in Oncology and Haematology

Abstracts and Posters

- Valproic acid modulates WNT signaling pathway and affects cell migration through the impairment of epithelial-mesenchymal transition program in cancer stem cells from glioblastoma multiforme
R. Bazzoni, G. Riva, M. Cadamuro, C. Cilibrasi, A. Bentivegna
International Symposium on Neurobiology, Milan January 31 , 2017

- Genomic evolution of a human glioma stem cell line in an orthotopic GBM mouse model
A. Bentivegna, G. Riva, C. Negroni, C. Cilibrasi, **R. Bazzoni**, S. Redaelli, G. Romano, R. Giovannoni, C. Giussani
XIX Congresso Nazionale della Società Italiana di Genetica Umana, Turin November 23-26, 2016

- Glioblastoma: from the operating room to the development of translational models
C. Giussani, M. Riva, G. Riva, **R. Bazzoni**, A. Bentivegna, R. Giovannoni
First meeting of the School of Medicine and Surgery, Monza October 11, 2016

Oral presentations

- Microenvironmental protection of AML cells from drugs treatment through Wnt/β-Catenin signaling
P. Takam Kamga, **R. Bazzoni**, G. Dal Collo, A. Adamo, A. Gatti, R. Carusone, M. Bonifacio and M. Krampera
Under 40 in Hematology, Lazise (VR), November 16-17, 2017

- Glioblastoma multiforme: *in vivo* modulation of gene expression by VPA
R. Bazzoni, A. Bentivegna
Master degree in Medical Biotechnology, Monza January 18, 2017

- Epigenetics and glioma stem cells: Valproic acid affects cancer epignome, cell viability and transcriptional activity
R. Bazzoni, A. Bentivegna
University of Milan-Bicocca, Monza April 4, 2017

Courses

- Winter School of Microscopical Sciences at University of Verona, November 20-24, 2017
- Basic Flow Citometry at Miltenyi Biotec, November 15, 2017
- 16 NGS at BMR Genomics, October 23rd, 2015
- Piccoli Genomi at BMR Genomics, October 23, 2015
- RNA-Seq at BMR Genomics, October 23, 2015
- Target Enrichment at BMR Genomics, October 23, 2015