

# Curriculum Vitae

## Personal information

First name(s) / Surname(s) **Silvia Bombelli**  
Address **Via Cadore 48, 20900 Monza (MB) (Italy)**  
Mobile **0200071110**  
E-mail(s) **silvia.bombelli@unimib.it**  
Nationality **Italian**  
Date of birth **02/09/1982**  
Gender **Female**

## Work experience

Dates **02/09/2019- Now**  
Occupation or position held: **Research technician**  
Main activities and responsibilities: **Study of adult renal stem cells. Responsible of the use of MoFlo Astrios cell sorter.**  
Name and address of employer: **University of Milano-Bicocca, School of Medicine and Surgery  
Via Cadore 48, 20900 Monza (MB) (Italy)**

Dates **01/01/2016- 31/08/2019**  
Occupation or position held: **Post-Doctoral fellowship (Assegno di ricerca A)**  
Main activities and responsibilities: **Functional and molecular characterization of PKH<sup>high</sup>/CD133<sup>+</sup>/CD24<sup>-</sup> adult renal stem cells isolated from human nephrospheres**  
Name and address of employer: **University of Milano-Bicocca, School of Medicine and Surgery  
Via Cadore 48, 20900 Monza (MB) (Italy)**

Dates **01/06/2015- 31/12/2015**  
Occupation or position held: **Post-Doctoral fellowship (Assegno di ricerca B)**  
Main activities and responsibilities: **Collection of biological samples of colon and renal carcinoma, characterization of their cellular features, focusing in particular on adult renal stem cell and renal cancer stem cell**  
Name and address of employer: **University of Milano-Bicocca  
Via Cadore 48, 20900 Monza (MB) (Italy)**

Dates **01/01/2011- 31/05/2015**  
Occupation or position held: **Post-Doctoral fellowship (Assegno di ricerca A)**  
Main activities and responsibilities: **Characterization of renal normal and cancer stem cells**  
Name and address of employer: **University of Milano-Bicocca  
Via Cadore 48, 20900 Monza (MB) (Italy)**

Dates **01/01/2010 – 31/12/2010**  
Occupation or position held: **Post-Doctoral fellowship (Assegno di ricerca B)**  
Main activities and responsibilities: **Characterization of adult normal and cancer stem cells isolated by functional approaches**  
Name and address of employer: **University of Milano-Bicocca  
Via Cadore 48, 20900 Monza (MB) (Italy)**

Dates **01/11/2006 - 31/10/2009**  
Occupation or position held: **PhD student in Biomedical Technologies program**  
Main activities and responsibilities: **Characterization of primary cell cultures and adult stem cells from normal kidney and renal cell**

Name and address of employer:	carcinoma to identify new tumor markers University of Milano Bicocca, school of Medicine
<b>International experience</b>	
Dates	09/08/2010 - 08/02/2011
Occupation or position held:	Visiting scholar in Gabriela Dontu stem cell lab
Name and address of employer:	Research Oncology Section, School of Medicine, King's College London
<b>Management responsibility</b>	
Dates	2014- Now
Occupation or position held:	Responsible of the use of MoFlo Astrios cell sorter at the school of Medicine and Surgery
Main activities and responsibilities:	Collaboration with research groups on different projects. See contributions in publications: 3-4-5-8-9-11-12-13-15-16-17-18.
Name and address of employer:	University of Milano-Bicocca, School of Medicine and Surgery Via Cadore 48, 20900 Monza (MB) (Italy)
<b>Teaching activities</b>	
Dates	July 2018- December 2018
Occupation or position held:	Tutor of a medical student attending the "Virgilio program"
Name and address of employer:	University of Milano Bicocca, school of Medicine
Dates	2008 - 2011
Occupation or position held:	Adjunct professor, General Pathology at the degree course in Obstetrics
Name and address of employer:	University of Milano-Bicocca, school of Medicine
Dates	2009 - 2020
Occupation or position held:	Adjunct professor, General Pathology, degree course in Dentistry
Name and address of employer:	University of Milano Bicocca, school of Medicine
Dates	2010 - now
Occupation or position held:	Co-tutor of of PhD students attending the Translational and Molecular Medicine (DIMET) program.
Name and address of employer:	University of Milano Bicocca, school of Medicine
<b>Scientific production</b>	
18 articles published on international peer-reviewed journal, <b>6 as first author</b> . 31 congress proceedings on international peer-reviewed journal; 43 congress proceedings. Among the congress proceedings, 8 oral contributions and 14 poster presentations. Scopus H index: 11. P.I. of the project "Verso un rene in provetta?" selected by Bicocca Università del Crowdfunding. The project has been crowdfunded on Produzioni dal Basso crowdfunding platform. Co-P.I. of preclinical experimental research project titled "Human Nephrosphere As A Modeling System To Assess The Role Of IL-8 Pathway In Diabetic Nephropathy" in collaboration with Dompè farmaceutici S.p.A.	
<b>Congress and course organization</b>	
Speaker of the meeting: "SCIENCE IN THE CITY: FLOW CYTOMETRY SYMPOSIA". Dec 16th, 2015. IRCCS Mario Negri, Milano.  Organizer and speaker of the course: "Flow cytometry in experimental planning: something good to know". Jun 12nd, 2018. University of Milano-Bicocca, Monza (MB)  Organizer of the virtual "MoFlo Astrios user meeting". May 27th, 2021.  Organizer and speaker of the MoFlo Astrios user meeting "The hybrid event driven by the user for the users". Dec 16th, 2021. Istituto di ricerche farmacologiche Mario Negri, Milano.	

## Education and training

Dates	AA 2018/2019
Title of qualification awarded:	Attainment of 24 CFU DM 616/2017
Name and type of organisation providing education and training:	University of Milano-Bicocca
Dates	01/10/2006 - 31/10/2009
Title of qualification awarded:	PhD in Biomedical Technologies. Title of the thesis: "Isolation and characterization of adult stem cells from normal kidney and Renal Cell Carcinoma"
Name and type of organisation providing education and training:	University of Milano-Bicocca
Dates	2004 - 2006
Title of qualification awarded:	Master Science Degree in Medical Biotechnologies 110/110 cum laude. Title of the thesis: "Molecular and proteomic analysis of primary cell cultures of normal kidney and Renal Cell Carcinoma after cytological characterization."
Name and type of organisation providing education and training:	University of Milano-Bicocca
Dates	2001 - 2004
Title of qualification awarded:	Bachelor Science Degree in Biotechnologies 105/110. Title of the thesis: "Characterization of the composition of different collagenase lots from Clostridium Histolyticum: implications in the isolation of Langerhans island for transplantation."
Name and type of organisation providing education and training:	University of Milano-Bicocca
Dates	1996 - 2001
Title of qualification awarded:	Scientific high school-leaving certificate 73/100
Name and type of organisation providing education and training:	Liceo Scientifico Giordano Bruno, Melzo (MI)

## Courses

XI course of mass spectrometry for PhD students. March 18th-23nd 2007. Certosa di Pontignano (SI)

Course and training on BD FACS CANTO instrument Nov 13rd-14th-15th 2007. Beckton Dickinson Italy SpA training center, Buccinasco (MI)

Course: RETE ITALIANA CELL SORTING 2nd edition. April 12nd 2011. Istituto ricerche farmacologiche Mario Negri.

Course and training on BECKMAN COULTER ASTRIOS cytometer. Jan 9th-10th-11st 2013. Department of experimental Medicine- University of Milano-Bicocca Monza (MB)

Course and demonstration of the instrument "Attune NxT Acoustin Focusing Cytometer" June 16<sup>th</sup> 2015. Demo lab, Thermo Fisher Scientific, Monza (MB)

Meeting: "SCIENCE IN THE CITY: FLOW CYTOMETRY SYMPOSIA". 2015, Dec 16th, IRCCS Mario Negri, Milano.

Course: "Flow cytometry in experimental planning: something good to know". Jun 12nd 2018. University of Milano-Bicocca, Monza (MB)

GIC C3 course "IL RUOLO DELLA CITOMETRIA IN ONCOLOGIA: DALLE CELLULE STAMINALI TUMORALI ALLA BIOPSIA LIQUIDA." XXXVII CONFERENZA NAZIONALE DI CITOMETRIA. May 28th 2019. Centro congress hotel Ariston, Paestum.

GIC C3 course "L'ONCOLOGIA NELLA CITOMETRIA.DETERMINAZIONE CITOMETRICA DI EVENTI RARI: ISOLAMENTO E FENOTIPO DI CANCER STEM CELLS (CSCs), CELLULE

## Personal skills and competences

Personal skills Good team spirit. Good attitude for team management.

Technical skills FACS analysis on BD FACS Canto (Training 13-15/11/2007 by Beckton Dickinson) and cell sorting on Beckman Coulter MoFlo Astrios (Training 9-11/01/2013); FACS Diva, Summit and Kaluza software for the elaboration of FACS data.  
Establishment and manipulation of primary cell cultures and cell lines; Establishment and manipulation of nephrosphere and mammosphere cultures; 3D cell culture and staining; Immunofluorescence and immunohistochemistry; Nucleic acid and protein extraction; Real Time-PCR; Western Blot; Animal manipulation, subrenal capsule transplantation; Transient transfection; Lentivirus production and transduction of cell lines and primary cultures; Elaboration of gene expression data with TMEV software.

Other language(s)

Self-assessment

European level (\*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	C1	Proficient user	B2	Independent user	C1	Proficient user

(\*) [Common European Framework of Reference \(CEF\) level](#)

## PUBLICATION LIST

### IN EXTENSO PUBLICATIONS

[1] Roberto A. Perego, Matteo Corizzato, Paola Brambilla, Stefano Ferrero, Cristina Bianchi, Ester Fasoli, Stefano Signorini, Barbara Torsello, Lara Invernizzi, **Silvia Bombelli**, Valentina Angeloni, Marina Pitto, Cristina Battaglia, Vanessa Proserpio, Fulvio Magni, Giacomo Galasso, Paolo Mocarelli.

"Concentration and microsatellite status of plasma DNA for monitoring patients with renal carcinoma"  
Eur J Cancer, 2008, 44, 1039-1047. doi: 10.1016/j.ejca.2008.03.008

[2] Cristina Bianchi, Barbara Torsello, Valentina Angeloni, **Silvia Bombelli**, Monica Soldi, Lara Invernizzi, Paola Brambilla, Roberto A. Perego.  
"Eight full-length Abelson related gene (Arg) isoforms are constitutively expressed in Caki-1 cell line and cell distribution of two isoforms has been analyzed after transfection"  
J Cell Biochem, 2008, 105(5):1219-27. doi: 10.1002/jcb.21922.

[3] Cristina Bianchi\*, **Silvia Bombelli\***, Francesca Raimondo, Barbara Torsello, Valentina Angeloni, Stefano Ferrero, Vitalba Di Stefano, Clizia Chinello, Ingrid Cifola, Lara Invernizzi, Paolo Brambilla, Fulvio Magni, Marina Pitto, Gianpaolo Zanetti, Paolo Mocarelli, Roberto A Perego.  
"Primary cell cultures from human renal cortex and renal-cell carcinoma evidence a differential expression of two spliced isoforms of Annexin A3"  
Am J Pathol, 2010, 126(4):1660-70. doi: 10.2353/ajpath.2010.090402.

**\*Equally contributed and have both to be considered as first authors**

[4] Ingrid Cifola, Cristina Bianchi, Eleonora Mangano, **Silvia Bombelli**, Fabio Frascati, Ester Fasoli, Stefano Ferrero, Vitalba Di Stefano, Maria Anna Zipeto, Fulvio Magni, Stefano Signorini, Cristina Battaglia, Roberto A. Perego.  
"Renal cell carcinoma primary cultures maintain genomic and phenotypic profile of parental tumor tissues"  
BMC Cancer. 2011, 11:244. doi: 10.1186/1471-2407-11-244.

[5] **Silvia Bombelli**, Maria Anna Zipeto, Giorgio Bovo, Barbara Torsello, Vitalba Di Stefano, Cristina Bugarin, Paola Zordan, Paolo Viganò, Giorgio Cattoretti, Guido Strada, Cristina Bianchi, Roberto A Perego.  
"PKH<sup>high</sup> cells within human nephrospheres provide a purified adult renal stem cell population"  
Stem Cell Res. 2013,11(3):1163-77. doi: 10.1016/j.scr.2013.08.004.

[6] Perego Roberto, **Silvia Bombelli**.  
"Response to communication of Paola Romagnani and Giuseppe Remuzzi"  
Stem Cell Res. 2014, 12(3):830-1. doi: 10.1016/j.scr.2014.01.001

- [7] Gabriella Honeth, Sara Lombardi, Christophe Ginestier, Minhee Hur, Rebecca Marlow, Bharath Buchupalli, Ireneusz Shinomiya, Patrycja Gazinska, **Silvia Bombelli**, Vernie Ramalingam, Anand Purushotham, Sarah Pinder and Gabriela Dontu.  
 "Aldehyde dehydrogenase and estrogen receptor define a hierarchy of cellular differentiation in the normal human mammary epithelium"  
 Breast Cancer Res. 2014 May 27;16(3):R52. doi: 10.1186/bcr3663
- [8] Monica Ceccon, Maria Elena Boggio Merlo, Luca Mologni, Teresa Poggio, Lydia M. Varesio, Matteo Menotti, **Silvia Bombelli**, Roberta Rigolio, Andrea D. Manazza, Filomena Di Giacomo, Chiara Ambrogio, Giovanni Giudici, Cesare Casati, Cristina Mastini, Mara Compagno, Suzanne D. Turner, Carlo Gambacorti-Passerini, Roberto Chiarle, Claudia Voena  
 "Excess of NPM-ALK oncogenic signaling promotes cellular apoptosis and drug dependency"  
 Oncogene. 2016 Jul 21;35(29):3854-65. doi: 10.1038/ncr.2015.456
- [9] Vitalba Di Stefano, Barbara Torsello, Cristina Bianchi, Ingrid Cifola, Eleonora Mangano, Giorgio Bovo, Valeria Cassina, Sofia De Marco, Roberta Corti, Chiara Meregalli, **Silvia Bombelli**, Paolo Viganò, Cristina Battaglia, Guido Strada, Roberto A Perego.  
 "Major Action of Endogenous Lysyl Oxidase in Clear Cell Renal Cell Carcinoma Progression and Collagen Stiffness Revealed by Primary Cell Cultures"  
 Am J Pathol. 2016 Sep;186(9):2473-85. doi: 10.1016/j.ajpath.2016.05.019
- [10] Cristina Bianchi, Chiara Meregalli, **Silvia Bombelli**, Vitalba Di Stefano, Francesco Salerno, Barbara Torsello, Sofia De Marco, Giorgio Bovo, Ingrid Cifola, Eleonora Mangano, Cristina Battaglia, Guido Strada, Giuseppe Lucarelli, Robert H. Weiss, and Roberto Perego.  
 "The glucose and lipid metabolism reprogramming is grade-dependent in clear cell Renal Cell Carcinoma primary cultures and is targetable to modulate cell viability and proliferation"  
 Oncotarget. 2017 Dec 8;8(69):113502-113515. doi: 10.18632/oncotarget.23056
- [11] **Silvia Bombelli**, Chiara Meregalli, Carla Scalia, Giorgio Bovo, Barbara Torsello, Sofia De Marco, Massimiliano Cadamuro, Paolo Viganò, Guido Strada, Giorgio Cattoretti, Cristina Bianchi, Roberto A Perego.  
 "Nephrosphere-derived cells are induced to multilineage differentiation when cultured on human decellularized kidney scaffolds"  
 Am J Pathol. 2018 Jan;188(1):184-195. doi: 10.1016/j.ajpath.2017.09.012
- [12] Giulia Ravasi, Sara Pelucchi, Gaia Buoli Comani, Federico Greni, Raffaella Mariani, Irene Pelloni, **Silvia Bombelli**, Roberto Perego, Donatella Barisani, Alberto Piperno.  
 "Hepcidin regulation in a mouse model of acute hypoxia".  
 Eur J Haematol. Eur J Haematol. 2018 Jun;100(6):636-643. doi: 10.1111/ejh.13062
- [13] Vera Magistrini, Mario Mauri, Deborah D'Aliberti, Caterina Mezzatesta, Ilaria Crespiatico, Miriam Nava, Diletta Fontana, Nitesh Sharma, Wendy Parker, Andreas Schreiber, David Yeung, Alessandra Pirola, Sara Redaelli, Luca Massimino, Paul Wang, Praveen Khandelwal, Stefania Citterio, Michela Viltadi, **Silvia Bombelli**, Roberta Rigolio, Roberto Perego, Jacqueline Boulwood, Alessandro Morotti, Giuseppe Saglio, Dong-Wook Kim, Susan Branford, Carlo Gambacorti-Passerini, Rocco Piazza  
 "De novo UBE2A mutations are recurrently acquired during chronic myeloid leukemia progression and interfere with myeloid differentiation pathways."  
 Haematologica. 2019 Feb 28. pii: haematol.2017.179937. doi: 10.3324/haematol.2017.179937.
- [14] Barbara Torsello, Sofia De Marco, **Silvia Bombelli**, Elisa Chisci, Valeria Cassina, Roberta Corti, Davide Bernasconi, Roberto Giovannoni, Cristina Bianchi, and Roberto A Perego.  
 "The 1ALCTL and 1BLCTL isoforms of Arg/Abl2 induce fibroblast activation and extra cellular matrix remodelling differently".  
 Biol Open. 2019 Mar 27;8(3). doi: 10.1242/bio.038554
- [15] **Bombelli S**, Meregalli C, Grasselli C, Bolognesi MM, Bruno A, Eriani S, Torsello B, Marco S, Bernasconi DP, Zucchini N, Mazzola P, Bianchi C, Grasso M, Albini A, Cattoretti G, Perego RA.  
 "PKH<sup>high</sup>/CD133<sup>+</sup>/CD24<sup>-</sup> Renal Stem-Like Cells Isolated from Human Nephrospheres Exhibit In Vitro Multipotency".  
 Cells. 2020 Jul 29;9(8):1805. doi: 10.3390/cells9081805.
- [16] **Bombelli S**, Torsello B, De Marco S, Lucarelli G, Cifola I, Grasselli C, Strada G, Bovo G, Perego RA, Bianchi C.  
 "36-kDa Annexin A3 Isoform Negatively Modulates Lipid Storage in Clear Cell Renal Cell Carcinoma Cells."  
 Am J Pathol. 2020 Nov;190(11):2317-2326. doi: 10.1016/j.ajpath.2020.08.008.
- [17] Fontana D, Ramazzotti D, Aroldi A, Redaelli S, Magistrini V, Pirola A, Niro A, Massimino L, Mastini C, Brambilla V, **Bombelli S**, Bungaro S, Morotti A, Rea D, Stagno F, Martino B, Campiotti L, Caocci G, Usala E, Merli M, Onida F, Bregni M, Elli EM, Fumagalli M, Ciceri F, Perego RA, Pagni F, Mologni L, Piazza R, Gambacorti-Passerini C.  
 "Integrated Genomic, Functional, and Prognostic Characterization of Atypical Chronic Myeloid Leukemia."  
 Hemasphere. 2020 Nov 6;4(6):e497. doi: 10.1097/HS9.0000000000000497. eCollection 2020 Dec.

[18] Grasselli C\*, **Bombelli S\***, Eriani S, Domenici G, Galluccio R, Tropeano C, De Marco S, Bolognesi MM, Torsello B, Bianchi C, Antolini L, Rossi F, Mazzola P, Leoni V, Bellelli G, Perego RA

"DNA damage in circulating hematopoietic progenitor stem cells as promising biological sensor of frailty."

J Gerontol A Biol Sci Med Sci. 2022 Feb 9:glac034. doi: 10.1093/gerona/glac034. Online ahead of print.

**\*Equally contributed and have both to be considered as first authors**

### **ORAL PRESENTATIONS of Congress proceedings published in peer reviewed journals:**

[1] **Bombelli S.**, Bovo G., Torsello B., Di Stefano V., Meregalli C., Viganò P., Strada G., Bianchi C., Perego R.A.

"Nephrospheres From Human Kidney Contain Cells With Regenerative Abilities"

Am J Pathology, 184 (suppl.) S41, 2014

[2] **Bombelli S.**, Meregalli C., Bolognesi M., Rossetti G., Ranzani V., Torsello B., De Marco S., Pagani M., Cattoretti G., Viganò P., Bianchi C Perego R.

"Molecular characterization of nephrosphere-derived PKH<sup>high</sup>/CD133+/CD24- stem-like cells and their use in repopulation of decellularized kidney scaffolds."

Nephron, 139:83-111, 2018.

[3] **Bombelli S.**, Bolognesi M., Bruno A., Torsello B., De Marco S., Bianchi C, Viganò P, Albini A, Cattoretti G, Perego R. "PKH<sup>high</sup>/CD133+/CD24- stem-like cells isolated from human nephrospheres can be committed to endothelial phenotype"

JBRHA, 32:4 (S1), 2018.

### **ORAL PRESENTATIONS of Congress proceedings:**

[4] **Bombelli S.**, Bianchi C., Torsello B., Di Stefano V., Zipeto M.A., Bovo G., Cattoretti G., Viganò P., Strada G., Perego R.

"Identification and characterization of cells with Stem/Progenitor in normal kidney".

23rd ERCSG meeting, Desenzano del Garda 24th-27th March 2011

[5] **Bombelli S.**, Zipeto M. A., Bianchi C., Torsello B., Di Stefano V., Bovo G., Cattoretti G., Viganò P., Strada G., Perego R.

"Identification and characterization of cells with Stem/Progenitor in normal kidney and renal cell carcinoma".

SIP Young Scientists, Bologna 24th-25th October 2011.

[6] **Bombelli S.**, Bianchi C., Torsello B., Di Stefano V., Zipeto M.A., Bovo G., Cattoretti G., Viganò P., Strada G., Perego R.

"Nephrospheres as a model for the study of kidney development"

24th ERCSG meeting, Doorwerth, Netherlands 22nd-25th March 2012

[7] **Bombelli S.**, Bovo G., Torsello B., Meregalli C., Di Stefano V., Viganò P., Strada G., Bianchi C., Perego R.

"Characterization of PKH<sup>high</sup> renal stem cells isolated by a functional approach"

NephroTools 2nd International Conference, Torino 29th and 30th September 2014.

[8] **Bombelli S.**, Grasselli C, Bolognesi M, Bruno A, Eriani S, Torsello B, De Marco S, Bianchi C, Strada G, Zucchini N, Albini A, Cattoretti G, Perego R. "PKH<sup>high</sup>/CD133+/CD24- stem-like cells isolated from human nephrospheres exhibit *in vitro* multipotency"

22<sup>nd</sup> Nephrogenesis workshop, London 14<sup>th</sup> June 2019.

### **POSTER PRESENTATIONS of Congress proceedings published in peer reviewed journals:**

[1] **Bombelli S.**, Bianchi C, Torsello B, Di Stefano V, Zipeto MA, Bovo G, Cattoretti G, Viganò P, Strada G, Perego RA.

"Identification and Characterization of Cells with Stem/Progenitor Properties in Normal Kidney and Renal Cell Carcinoma."

Am J Pathol 2010, 177 Suppl: S30

[2] **Bombelli S.**, Zipeto M.A., Bianchi C., Torsello B., Di Stefano V., Bovo G., Viganò P., Strada G., Cattoretti G., Perego R.

"Stem-like cells in nephrospheres present multilineage differentiative abilities".

Am J Pathol 2012, 181 Suppl: S29

[3] **Bombelli S.**, Zipeto M.A., Bianchi C., Torsello B., Di Stefano V., Viganò P., Bovo G., Cattoretti G., Strada G., Perego R.

"Cancer stem cell characteristics may be correlated to the renal cell carcinoma intratumoral heterogeneity".

Eur Urol Suppl 2013, 12:e769.

[4] **Bombelli S.**, Zipeto M.A., Torsello B., Meregalli C., Di Stefano V., Bovo G., Viganò P., Strada G., Bianchi C., Perego R.A.

"Molecular and functional characterization of cancer stem-like cells isolated from human renal cell carcinoma tissue"

Am J Pathology 2014, 184 (suppl.) S43

### **POSTER PRESENTATIONS of Congress proceedings:**

[5] **Bombelli S.**, Invernizzi L, Angeloni V, Torsello B, Brambilla P, Strada G, Cattoretti G, Bianchi C, Perego RA

"Preliminary study for the identification and characterization of renal cancer cells with stem/progenitor properties"

International Workshop on Cancer Stem Cells, Milan 1st-3rd December 2007.

[6] **Bombelli S.**, Invernizzi L., Chinello C., Torsello B., Angeloni V., Prambilla P., Raimondo F., Proserpio V., Casellato S., Ferrero S., Magni F., Mocarelli P., Bianchi C., Perego R.A.

"Primary cell culture from normal kidney and renal cell carcinoma: molecular and proteomic studies."

Italian Proteomic Association, 3rd annual National Conference, Selva di Fasano (Brindisi) 11th-14th June 2008.

[7] **Bombelli S.**, Bianchi C., Casu M., Bovo G., Invernizzi L., Brambilla P., Cattoretti G., Strada G., Perego R. A.

"Identificazione e caratterizzazione di cellule di carcinoma renale con proprietà staminali e progenitrici"

Congresso nazionale del centenario della società italiana di urologia, Roma, 22nd-28th September 2008.

[8] **Bombelli S.**, Bianchi C., Raimondo F., Invernizzi L., Torsello B., Angeloni V., Sarto C., Zanetti G., Ferrero S., Cifola I., Chinello C., Magni F., Mocarelli P and Perego R.A.

"Differential expression of two forms of Annexin A3 in well-characterized human normal cortex and RCC primary cultures."

Italian Proteomic Association, 4th annual National Conference, Milano 22nd-25th June 2009.

[9] **Bombelli S.**, Bianchi C., Invernizzi L., Angeloni V., Torsello B., Di Stefano V., Perego R.A., Bovo G., Cattoretti G., Viganò P., Politi P., Strada G.

"Nefrosfere ottenute da tessuto renale normale e tumorale esprimono geni correlati con la staminalità" 82° National Congress of the Italian Society of Urology. Rimini, 4th-7th October 2009

[10] **Bombelli S.**, Bianchi C., Torsello B., Di Stefano V., Zipeto M. A., Bovo G., Cattoretti G., Viganò P., Strada G., Perego R..

"Identification and characterization of cells with stem/progenitor properties in normal kidney and Renal Cell Carcinoma". Epigenetic and Stem Cells Conference, Copenhagen (Denmark) 25th-27th August 2010. P72.

[11] **Bombelli S.**, Bianchi C., Torsello B., Di Stefano V., Zipeto M. A., Perego R., Bovo G., Cattoretti G., Viganò P., Strada G.

"Identification and Characterization of cells with stem/progenitor properties in normal kidney and renal cell carcinoma".

83° National Congress of the Italian Society of Urology, Milano 17th-20th October 2010. Abstract C93.

[12] **Bombelli S.**, Zipeto M., Bianchi C., Torsello B., Di Stefano V., Minniti S., Buscone S., Bovo G., Cattoretti G., Viganò P., Strada G., Perego R.

"Molecular characterization of nephrospheres obtained from normal kidney and renal cell carcinoma".

84° National Congress of the Italian Society of Urology, Roma 23rd-26th Ottobre 2011. Abstract P230.

[13] Zipeto M, **Bombelli S.**, Bianchi C., Torsello B., Di Stefano V., Viganò P., Bovo G., Strada G., Cattoretti G, Perego R.

"Overexpression of pluripotency genes and presence of different cell populations with stem properties in Spheres from Human Renal Cell Carcinoma".

85° National Congress of the Italian Society of Urology, Venezia 21st-24th October 2012. Abstract P108.

[14] **Bombelli S.**, Scalia C, Meregalli C, Torsello B, Bovo G, Cattoretti G, Viganò P, Strada G, Bianchi C, Perego RA

"Nephrosphere-derived cells cultured on decellularized kidney scaffolds can differentiate into multiple lineages"

NephroTools 3rd International Conference, Liverpool 8th-10th September 2015.

## **CONGRESS PROCEEDINGS PUBLISHED IN PEER-REVIEWED JOURNALS**

[1] Cifola I., Bianchi C., Mangano E., **Bombelli S.**, Ferrero S., Fasoli E., Brambilla P., Beltrame L., Perego R., Battaglia C.

"Renal cell carcinoma primary cultures as in vitro model to study genomic profile of parental tumor tissue"

Eur J Cancer suppl, July 2008, Vol 6, No 9. P.117

[2] Brambilla P., Bianchi C., Fasoli E., **Bombelli S.**, Invernizzi L., Torsello B., Angeloni V., Battaglia C., Magni F., Galasso G., Perego R.

"Concentration of Plasma DNA for Monitoring Patients with Renal Carcinoma"

Am J Pathol, 2008, 173 Suppl.

[3] Bianchi C., **Bombelli S.**, Invernizzi L., Chinello C., Torsello B., Angeloni V., Brambilla P., Raimondo F., Proserpio V., Casellato S., Ferrero S., Magni F., Perego R.

"Molecular and Proteomic Characterization of Primary Cell Cultures from Normal Kidney and renal Cell Carcinoma"

Am J Pathol, 2008, 173 Suppl.

[4] Bianchi C., **Bombelli S.**, Casu M., Bovo G., Invernizzi L., Brambilla P., Cattoretti G., Strada G., Perego R.

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I declare that the information contained in this Curriculum Vitae are true and accurate (art. 46 e 47 D.P.R. 445/2000)

I authorize the use of my personal data in compliance with Italian Legislative Decree n° 196/2003.

