

## CURRICULUM VITAE MARINA BERTOLIN

Name	Marina Bertolin
Date and place of birth	17.07.79 – Treviso (Italy)
Citizenship	Italian
Tax code	BRTMRN79L57L407X
E-mail	marina.bertolin@fbov.it

### EDUCATION, QUALIFICATION & TITLE

<b>Title</b>	<b>2019 Troutman Prize Winner</b> , the prize bestowed annually by the Cornea Society for the paper published in Cornea during the 2019 year judged to be most outstanding and innovative authored by an investigator 40 years of age or younger.
<b>Date and place</b>	2019 Cornea and Eye Banking Forum, AAO 2019 (The American Academy of Ophthalmology); October 11 <sup>th</sup> October, San Francisco,
<b>Title of the job</b>	Prize Lecture: “Optimized Protocol for Regeneration of the Conjunctival Epithelium Using the Cell Suspension Technique”, (Cornea. 2019 Apr;38(4):469-479).

<b>Title</b>	<b>Laurea (Italian degree) in Biotechnology (Nuovo Ordinamento)</b>
<b>Date and place</b>	2002-2003, Faculty of Biological Science, University of Padova, Italy
<b>Marks</b>	102/110
<b>Title of the thesis</b>	”Study of the intestinal flora of rabbits with enteropathy”.

<b>Title</b>	<b>Diploma di Laurea (Italian degree) in Agro-Industrial Biotechnology</b>
<b>Date and place</b>	1998 - 2001, Faculty of Biological Science, University of Padova, Italy
<b>Marks</b>	70/70
<b>Title of the thesis</b>	“Applications of Automatic ribotyping for the characterization of bacteria and hints to analysis technique for identification of fragments of meat species”

<b>Title</b>	<b>Secondary High school (Scientific Lyceum),</b>
<b>Date and place</b>	1995 - 1998, High School State “G. Berto”, Mogliano V.to (Treviso)
<b>Marks</b>	52/60

## COURSES

<b>Title</b>	Image analysis course - Nikon Instruments S.p.A.
<b>Date and place</b>	Milan 25 <sup>th</sup> -26 <sup>th</sup> October 2017 Image analysis: ABC of digital images, how to measure with images, automation and workflows, image analysis contest.
<b>Title</b>	<b>Grant</b> COST (European Cooperation in science and Tecnology) Action BM 1302: "Arrest Blindness", <b>Summer Training School</b> 2017
<b>Date and place</b>	13 <sup>th</sup> -16 <sup>th</sup> June 2017, University Hospital Campus – Eye Clinic of Linköping, Sweden. <i>Meibomography</i> : theory, latest research, and practical advice, In vivo imaging of the limbal stem cell niche: techniques and latest research; Limbal Stem cell therapy – the limbal explant approach; Clinical application of limbal stem cells – single-cell suspension approach. <i>Biomaterials</i> : femtosecond laser surgery (ReLeX) and corneal biomechanics; Strategies for Ocular Surface Reconstruction; Stromal Tissue Engineering; Biomaterials fabrication for corneal applications, implantation and evaluation in animal models; Laser Corneal Surgery, Lecture – laser surgery - PTK, PRK, LASIK, Femtosecond laser surgery for biomaterials implantation; biomaterial implantation into pig eyes. <i>Angiogenesis</i> : Corneal Neovascularization; Corneal blood and lymph vessels – theory, therapy. Small-animal In vivo confocal microscopy and slit lamp biomicroscopy hands-on; The roles of VEGFRs in retinal pigment epithelial cells and their implication in anti-VEGF therapies
<b>Title</b>	<b>Grant</b> COST (European Cooperation in science and Tecnology) Action BM 1302: "Joining Forces in Corneal Reseneration Research", <b>Summer Training School</b> 2014
<b>Date and place</b>	7 <sup>th</sup> -11 <sup>th</sup> /09/2014, University of di Nottingham, UK Corneal Scaffold Development; Corneal Tissue Engineering (Stem cells and the cornea, Corneal-derived stromal stem cells for eye repair, Bio-prosthesis, Biomedical imaging techniques for tissue engineering); Corneal Cell Biology (Ex vivo generation of corneal constructs for clinical application, Generating limbo-amnion composite grafts, How transcriptomics have given a greater depth into corneal biology); Modelling (Testing for biocompatibility of an artificial implant, Ologen Collagen Matrix as a substrate for corneal regeneration, Surgical techniques for testing the biocompatibility of novel regenerative materials, Transplant immunology of the cornea and implications for new corneal transplantation techniques); Pre and Clinical Studies on Corneal Regeneration (Clinical Relevance of Stem Cell Research; Rabbit models standardisation and considerations).

<b>Title</b> <b>Date and place</b>	<p><b>Specialization course</b> in “New technologies in molecular medicine”</p> <p>2013-14 – Department of Medicine, University of Padova, Italy</p> <p>Theoretical and practical knowledge on major cytogenetic and molecular techniques (PCR, real-time PCR, RFLP, Sanger sequencing, DHPLC, karyotyping, FISH) and major technological innovations with potential applications in diagnostics that genetic research (CGH-arrays, oligo -array, SNP-array, next generation sequencing, nanopore-sequencing, single cell applications, QF-PCR, mass spectrometry, oligo-FISH, mass analysis of SNPs).</p> <p>Application of these methodologies in various fields of molecular medicine and new research topics and Diagnosis (genomics, transcriptomics, proteomics, metabolomics, and in general the so-called new disciplines "omics").</p> <p>Application protocols for these new technologies and current and future diagnostic strategies in the field of personalized medicine, predictive genomics and pharmacogenomics.</p>
<b>Title</b> <b>Date and place</b>	<p><b>Master degree</b> in “Management &amp; Marketing Farmaceutico” and course in “Document management in pharmaceutical industry and confidentiality clauses”</p> <p>November 2010 – February 2011, Almalaboris – Venice, Italy</p> <p>Basics of Pharmacovigilance;</p> <p>The key principles of the Production and Quality Assurance; The industry classification from the regulatory point of view (Regulatory Affairs, AIC, etc.);</p> <p>Market Access (compressed budget, resolutions limiting the use of drugs, need to create partnership with the customer, etc);</p> <p>Medical Direction as scientific support Area; Strategic and operational (marketing of products; market analysis etc);</p> <p>Business Development and Sales Management;</p> <p>The Project Management of the Pharmaceutical Industry;</p> <p>The Human Resource Management in the pharmaceutical industry.</p>
<b>Title</b> <b>Date and place</b>	<p>English Courses Conversation with teacher and native speaker at The Association for the Promotion of Cultural “Bettina Brentano” (2010-2011) in Mestre and at the People's University of Mestre (2011-12).</p> <p>2010 – 2012 Mestre (Venice, Italy)</p>

## WORK EXPERIENCES

Organization / Company	<b>Center for Eye Research, Department of Ophthalmology, Oslo University Hospital and University of Oslo</b> , Norway, NO - Prof. Goran Petrovski
Position	Collaborator for Veneto Eye Bank Foundation Onlus limbal and conjunctival stem cell therapy project - COST (European Cooperation in science and Tecnology) <b>Grant</b> for a Short-Term Scientific Missions (STSMs) – Theme: “Isolation and characterization of conjunctival Goblet cells: a comparative study of culturing methods”
Period	11 <sup>th</sup> –15 <sup>th</sup> October 2017
Organization / Company	<b>Center for Cell Therapy and Regenerative Medicine</b> , Prof. Dr. Nadia Zakaria, CCRG <b>Antwerp University Hospital</b> , Belgium.
Position	Collaborator for Veneto Eye Bank Foundation Onlus limbal and conjunctival stem cell therapy project - COST (European Cooperation in science and Tecnology) <b>Grant</b> for a Short-Term Scientific Missions (STSMs)
Period	23 <sup>rd</sup> –27 <sup>th</sup> November 2015
Organization / Company	<b>Clean Cells</b> Parc d’activités Vendée Sud Loire, Boufféré, France
Position	Collaborator in the project of preparation of a 3T3-J2 Master Cells Bank and Working Cells Bank in a GMP facility for Veneto Eye Bank Foundation Onlus
Period	13 <sup>th</sup> –23 <sup>rd</sup> June 2011
Organization / Company	<b>Cell factory of Veneto Eye Bank Foundation Onlus</b> , Regional Research Centre of Epithelial Stem Cell <a href="https://research.fbov.org/">https://research.fbov.org/</a> – Mestre, Venice, Italy - <b>Head of R&amp;D</b> Dr. S. Ferrari, Director Dr. D. Ponzin
Position	Biotechnologist <ul style="list-style-type: none"> <li>• Technician of Cell Factory (2004-2018), Head of Production Unit of the Cell Factory (2019 to now).</li> <li>• Research scientist. Principal investigator (2014-2019) in the project “Regeneration of the ocular surface in patients with bilateral deficit-corneal limbus stem cells: comparative analysis of efficacy between stem cells of the oral mucosa and conjunctival epithelial stem cells” (Ricerca Sanitaria Fin. Reg. n°336/12)</li> <li>• Research scientist. Principal investigator (2019-to now) in the project “Corneal Endothelium regeneration starting from cells”.</li> </ul>
Expertise	<ul style="list-style-type: none"> <li>• Experience with cell lines (3T3-J2, HACAT and limbal hTERT)</li> <li>• Experience with human primary cultures: human epithelial stem cells cultures of cornea, conjunctiva, skin, oral mucosa (life span, cell and population doublings, colony forming efficiency) and corneal endothelial culture.</li> <li>• Processing of biopsies, cells isolation and maintenance in culture. Preparation of epithelial cells graft on scaffold and subsequent clinical applications.</li> <li>• Machining according to GMP standards.</li> </ul>

	<ul style="list-style-type: none"> <li>• Isolation and characterization of three clonal types (oloclons – meroiclons - paraiclons) by clonal analysis and subsequent qualitative assessment of cell cultures. Clonal analysis of both healthy biopsies than biopsy with genetic disorder (project “Towards an innovative therapy of Ectrodactyly-ectodermal dysplasia-Clefting EEC Syndrome using allele-specific RNA silencing” – Project G.R-2009-1555694)</li> <li>• Immunostaining techniques. Preparation and staining of citocentrifugated and immunohistological slides using immunocytochemical / immunofluorimetric methods for the identification of clinical markers; manual colorations or with use of automated systems (Ventana Discovery XT). Use of the fluorescence confocal microscope Zeiss (training in progress) for the quantification analysis of the preparations.</li> <li>• Studies of preparation of supports for epithelial graft as fibrin gel ad amniotic membrane. Standardization of human amniotic membranes protocol: hydration, enzymatic treatment for removal of devitalized amniotic epithelium, mechanical scraping to remove the hydrophilic spongy layer and finally immobilization of the membrane to facilitate stable culture conditions during graft generation.</li> <li>• Study of the wound healing in keratinocytes cells culture.</li> </ul>
Period	January 2004 – to now
Organization / Company	<b>Istituto Zooprofilattico Sperimentale</b> delle Venezie, bacteriology laboratories and diagnostic sections of Treviso and San Donà di Piave (Venice), Italy - General Director Dott.E. Parenti and F. Agnoletti.
Position	Collaboration, laboratory technician
Expertise	<p>Diagnostic activity:</p> <ul style="list-style-type: none"> <li>preparation and use of selective and differential gram stains, Kopeloff, Giemsa, Kibnissen and cryptosporidium</li> <li>biochemistry bacterial floras for the identification of microbial</li> <li>bacteriological examination of milk.</li> <li>research salmonella and listeria</li> <li>search of inhibitors of meat and milk (Delvo Test)</li> <li>system setup "API"</li> <li>execution dell'antibiogramma (Kirby Baver)</li> </ul> <p>The diagnostic work was in part aimed to study the anaerobic flora of the intestinal rabbit. Such research has led to the development of a ground biotato selective for Clostridium spiroforme.</p>
Period	March 2002 – January 2004
Organization / Company	<b>“Malgara Chiari &amp; Forti”</b> at Silea (Treviso, Italy)
Position	Officer Quality Control Fini Christmas Baskets, in the R & S
Period	October 2001 - January 2002
Organization / Company	<b>Chelab S.r.l.</b> at Resana (Treviso, Italy), PCR laboratories and microbiology under the direction of Dott. Cattapan
Position	Stage
Expertise	<ul style="list-style-type: none"> <li>• Methods of extraction of DNA from plant and animal matrices</li> </ul>

- PCR (qualitative and nested references to quantitative) for the detection of genetically modified organisms (soy, corn and tomatoes especially)
- Polyacrylamide gel electrophoresis for detecting meat species in food and signs of genomic sequencing
- Automatic bacterial ribotyping

Period | March 2001 - June 2001

Other work experience:

2000-2; 2010-to now	Volleyball Trainer
February 2002	Officer working for the assembly in "Effeve s.n.c.", Marcon (VE)
July 2000	Services would Concierge; University of Padova
Oct. '99–oct. '01	Occasional service, promoter and mercandice with studies of Promotion Agencies
Winter '98-'99	Parlormaid
July '99	Warden-animator at "Kinderheim Villa Maria Paola", Roana (Vicenza)
August '98e '99	Collaborator (attendant) at "Colonia Marina Pio XII°", Bibione (Venice)
July August '97	Collaborator (working) at "Legatoria XVII° Secolo", Mogliano V.to (Treviso)
further	Educational support to children of primary school

**PUBLICATIONS AND CONFERENCES**

**Publications:**

E. Prina, M. H. Amer, L. Sidney, M. Tromayer, J. Moore, R. Liska, **M. Bertolin**, S. Ferrari, A. Hopkinson, H. Dua, J. Yang, R. Wildman, and F. R. A. J. Rose *Bioinspired Precision Engineering of Three-Dimensional Epithelial Stem Cell Microniches*. *Adv. Biosys.* 2020, 2000016; DOI: 10.1002/adbi.202000016.

**Bertolin M**, Ferrari S, Breda C, Ferrari B, Barbaro V. *Towards Xeno-free cultures of human limbal and conjuntival epithelial stem cells for ocular surface reconstruction*. *Clinical Laboratory*. Jan 2020. <https://www.clinlabint.com/>

**Bertolin M**, Breda C, Ferrari S, Van Acker SI, Zakaria N, Di Iorio E, Migliorati A, Ponzin D, Ferrari B, Lužnik Z, Barbaro V. *Optimized Protocol for Regeneration of the Conjunctival Epithelium Using the Cell Suspension Technique*. *Cornea*. 2019 Apr;38(4):469-479.

E. Prina, L. Sidney, M. Tromayer, J. Moore, R. Liska, **M. Bertolin**, S. Ferrari, A. Hopkinson, H. Dua, J. Yang, R. Wildman, F. Rose. *Geometry alone influences stem cell differentiation in a precision 3D printed stem cell niche*. *BioRxiv* preprint first posted online Dec. 9 2018; doi: <http://dx.doi.org/10.1101/489773>. Posted December 09, 2018.

- Prina E, Mistry P, Sidney LE, Yang J, Wildman RD, **Bertolin M**, Breda C, Ferrari B, Barbaro V, Hopkinson A, Dua HS, Ferrari S. *Rose FRAJ 3D Microfabricated Scaffolds and Microfluidic Devices for Ocular Surface Replacement*. Review Stem Cell Rev. 2017 Jun;13(3):430-441.
- Lužnik Z, Breda C, Barbaro V, Ferrari S, Migliorati A, Di Iorio E, Ferrari B, Griffoni C, Grassetto A, Elbadawy HM, **Bertolin M**. *Towards xeno-free cultures of human limbal stem cells for ocular surface reconstruction*. Cell and Tissue Banking,18(4), 461-474.
- Lužnik Z, Hawlina M, Maličev E, **Bertolin M**, Kopitar A, Ihan A, Ferrari S, and Schollmayer P. *Effect of Cryopreserved Amniotic Membrane Orientation on the Expression of Limbal Mesenchymal and Epithelial Stem Cell Markers in Prolonged Limbal Explant Cultures*. PLoS One. 2016 Oct 10;11(10):e0164408.
- Lužnik Z, **Bertolin M**, Breda C, Ferrari B, Barbaro V, Schollmayer P, Ferrari S. *Preservation of Ocular Epithelial Limbal Stem Cells: The New Frontier in Regenerative Medicine*. Adv Exp Med Biol. 2016; 951:179-189. Chapter of "Biobanking and cryopreservation of stem cells" by Springer (chapter 15, pp 179-189).
- Busin M, Breda C, **Bertolin M**, Bovone C, Ponzin D, Ferrari S, Barbaro V, Elbadawy HM. *Corneal Epithelial Stem Cells Repopulate the Donor Area within 1 Year from Limbus Removal for Limbal Autograft*. Ophthalmology. 2016 Dec;123(12):2481-2488.
- Fasolo A, Pedrotti E, Passilongo M, Marchini G, Monterosso C, Zampini R, Bohm E, Birattari F, Franch A, Barbaro V, **Bertolin M**, Breda C, Di Iorio E, Ferrari B, Ferrari S, Meneguzzi M, Ponzin D. *Safety outcomes and long-term effectiveness of ex vivo autologous cultured limbal epithelial transplantation for limbal stem cell deficiency*. Br J Ophthalmol. 2017 May;101(5):640-649.
- Barbaro V, Nasti AA, Raffa P, Migliorati A, Nespeca P, Ferrari S, Palumbo E, **Bertolin M**, Breda C, Miceli F, Russo A, Caenazzo L, Ponzin D, Palù G, Parolin C, Di Iorio E. *Personalized Stem Cell Therapy to Correct Corneal Defects Due to a Unique Homozygous-Heterozygous Mosaicism of Ectrodactyly-Ectodermal Dysplasia-Clefting Syndrome*. Stem Cells Transl Med. 2016 Aug;5(8):1098-105.
- Pedrotti E, Passilongo M, Fasolo A, Nubile M, Parisi G, Mastropasqua R, Ficial S, **Bertolin M**, Di Iorio E, Ponzin D, Marchini G. *In Vivo Confocal Microscopy 1 Year after Autologous Cultured Limbal Stem Cell Grafts*. Ophthalmology. 2015 Aug;122(8):1660-8.
- Lužnik Z, Parekh M, **Bertolin M**, Griffoni C, Ponzin D and Ferrari F. *Biobanking of human retinas: the next big leap for eye banks*. Stem Cells Transl Med. 2015 Aug;4(8):868-72.
- Elbadawy HM, Gailledrat M, Desseaux C, Salvalaio G, Di Iorio E, Ferrari B, **Bertolin M**, Barbaro V, Parekh M, Gayon R, Munegato D, Franchin E, Calistri A, Palù G, Parolin C, Ponzin D, Ferrari S. *Gene transfer of integration defective anti HSV-1 meganuclease to human corneas ex vivo*. Gene Ther. 2014 Mar;21(3):272-81.
- Parekh M\*, Graceffa V\*, **Bertolin M**, Elbadawy H, Salvalaio G, Ruzza A, Camposampiero D, Almarza D, Barbaro V, Ferrari B, Breda C, Ponzin D and Ferrari S. *Reconstruction and regeneration of corneal endothelium: A review on current methods and future aspects*. Eye (Lond). 2013 May; 27(5): 579–588.
- Parekh M, Ferrari S, Di Iorio E, Barbaro V, **Bertolin M**, Ferrari B, Ponzin D. *Targeting corneal disorders using gene therapy*. Expert Review of Ophthalmology 2012; 7 (4): 351-362.
- Di Iorio E, Barbaro V, Volpi N, **Bertolin M**, Ferrari B, Fasolo A, Arnaldi R, Brusini P, Prosdocimo G, Ponzin D, Ferrari S. *Localization and expression of CHST6 and keratan sulfate proteoglycans in the human cornea*. Experimental Eye Research 2010; 91: 293-299.
- Marchini G, Pedrotti E, Pedrotti M, Barbaro V, Di Iorio E, Ferrari S, **Bertolin M**, Ferrari B, Passilongo M, Fasolo A, Ponzin D. *Long-term effectiveness of autologous cultured limbal stem cell grafts in patients with limbal stem cell deficiency due to chemical burns*. Clinical and Experimental Ophthalmology 2012 Apr;40(3):255-67.

## **Conferences, seminars:**

XXXI EEBA meeting (Annual Meeting of the European Eye Bank Association), 16<sup>th</sup>–18<sup>th</sup> January 2019 Hannover – Germany, **oral presentation** “Simple Conjunctival Epithelial Transplantation (SCET) in primary pterygium surgery” **Bertolin M**, Marchini G, Pedrotti E, Ferrari S, Barbaro V, Ponzin D, Breda C, Ferrari B, Fasolo A. **Best oral presentation** of Session IV: Ophthalmological therapies - new methods & applications.

2019 Cornea and Eye Banking Forum, October 11<sup>th</sup> and AAO 2019 (The American Academy of Ophthalmology) 12<sup>nd</sup>–15<sup>th</sup> October, San Francisco, **oral presentation** “Optimized Protocol for Regeneration of the Conjunctival Epithelium Using the Cell Suspension Technique”, **2019 Troutman Prize Winner** of homonym paper (Cornea. 2019 Apr;38(4):469-479).

XXXI EEBA meeting (Annual Meeting of the European Eye Bank Association), 17<sup>th</sup>–19<sup>th</sup> January 2019 Rotterdam – The Netherlands **oral presentation** “*New protocols in conjunctival epithelium repairing*” **M. Bertolin**, C. Breda, S. Ferrari, D. Ponzin, G. Marchini, E. Pedrotti, A. Fasolo, B. Ferrari, P. Gallon, E. Di Iorio, V. Barbaro.

26<sup>th</sup> EATB congress (Congress of European Association of Tissue Banks), 18<sup>th</sup>–20<sup>th</sup> October 2017, Treviso (Italy) **oral presentation** “*The use of amniotic membrane as support for the growth of epithelial stem cells in a GMP setting*”. **M. Bertolin** C. Breda, Z. Lužnik, V. Barbaro, A. Migliorati, E. Di Iorio, B. Ferrari, S. Ferrari.

XXIX EEBA meeting (Annual Meeting of the European Eye Bank Association), 19<sup>th</sup>–21<sup>st</sup>. January 2017 Prague – Czech Republic **oral presentation** “*Towards Xeno-free cultures of human keratinocytes stem cells*” M. Bertolin, C. Breda, Z. Lužnik, V. Barbaro, S. Ferrari, A. Migliorati, E. Di Iorio, B. Ferrari, H. Mostafa Elbadawy.

S.I.T.R.A.C 2016 - Rimini. Simposio: “Cellule staminali e ustioni oculari: il nuovo traguardo della ricerca Italiana (Chiesi)”; Simposio: “Società italiane delle banche degli occhi (SIBO)”.

ARVO 2016 (The Association for Research in Vision and Ophthalmology), 1<sup>st</sup>–5<sup>th</sup> May 2016 Seattle **coauthor of two posters:** “*Effect of intact amnio-c membrane orientation on the phenotypic potential of Cultured limbal cells*” Z. Lužnik, P. Schollmayer, **M. Bertolin**, E. Maličev, S. Andjelić, A. Nataša Kopitar, A. Ihan, S. Ferrari and M. Hawlina; “*Label-free two-photon imaging of donor corneal lenticules with cultivated human limbal epithelial stem cells*” M. Lombardo, V. Barbaro, G. Lombardo, **M. Bertolin**, S. Serrao, E. Di Iorio.

XXVII EEBA meeting (Annual Meeting of the European Eye Bank Association), 22<sup>nd</sup>–23<sup>rd</sup> January 2016 Aarhus – Denmark **coauthor of the oral presentation** “*Effect of intact amniotic membrane orientation on the phenotypic potential of cultured limbal cells*” Z. Lužnik, P. Schollmayer, **M. Bertolin**, E. Maličev, S. Andjelić, A. Nataša Kopitar, A. Ihan, S. Ferrari and M. Hawlina.

XXVI EEBA meeting (Annual Meeting of the European Eye Bank Association), 15<sup>th</sup> January 2015 Venice – Italy **coauthor of the oral presentation** “*Human corneal endothelium: reconstruction, regeneration and therapies*” Mohit Parekh, Natalie Hill, Marina Bertolin, Carl Sheridan, Rachel Williams and Sajjad Ahmad

The AAO 2015 (American Academy of Ophthalmology), Las Vegas 14<sup>th</sup>–17<sup>th</sup> November 2015, **coauthor of a poster** titled “*Corneal Epithelial Stem Cells Repopulated the Donor area within one Year from Limbus Removal for Limbal Autograft*” M. Busin, C. Breda, H. Elbadawy, **M. Bertolin**, C. Bovone, D. Ponzin, and S. Ferrari.



ARVO 2015 (The Association for Research in Vision and Ophthalmology) May 03<sup>rd</sup>-07<sup>th</sup> , Denver Colorado **coauthor of a poster** titled "*Connexin 43 mimetic peptide Gap27 promote healing of human corneal epithelium*" H. Elbadawy, **M. Bertolin**, M. Parekh, C. Cagini, D. Ponzin, S. Ferrari .

XXVIII EEBA meeting (Annual Meeting of the European Eye Bank Association) , Venice 16<sup>th</sup>-17<sup>th</sup> January 2015 with **2 workshops** "*Experts Meet Experts*" titled: \* "*Cell Therapy for Limbal Stem Cell Deficiency*" S. Ferrari, **M. Bertolin**, C. Breda \*\* "*Human corneal endothelium: reconstruction, regeneration and therapies*" M. Parekh, N. Hill, M. Bertolin, C. Sheridan, R. Williams and S. Ahmad.

10° SOI International Congress, Rome 28<sup>th</sup> November 2012, SOI (Italian Society of Ophthalmology) – **Moderator** in FBOV Symposium "Surgical treatment of limbal deficiency by cell therapy."

"Nuovi strumenti e strategie di analisi genetica nel laboratorio biomedico", Padua, June 20<sup>th</sup> 2012, University of Padua

10° SOI International Congress, Milan 26<sup>th</sup> May 2012, SOI (Italian Society of Ophthalmology) – with the **oral presentation** "Phenotype of surface Epithelial Eye" in the session "Ocular Surface: Non-surgical treatment of the problems of re-epithelialization".

"Dall'accreditamento all'eccellenza in sanità: qualità dell'assistenza e qualità della spesa", Mestre (Venice), 11<sup>st</sup> may 2012, U.L.S.S. 12 Veneziana.

"Occhio e Sindrome EEC: aspetti clinici e sperimentali", Venice, 19<sup>th</sup> November 2010, U.L.S.S. 12 Veneziana.

"L'occhio, le applicazioni innovative, il caso banca degli occhi", Venice, 23<sup>rd</sup> October 2009, U.L.S.S. 12 Veneziana.

FITOT Meeting "Terapia Cellulare e Medicina Rigenerativa", Verona, 14<sup>th</sup> November 2008, FITOT (Fondazione per l'incremento dei trapianti d'Organo e di Tessuti O.N.L.U.S.)

FITOT Meeting "L'impiego di tessuto Omologo: l'esperienza delle banche dei tessuti del Veneto", Monastier (Treviso), 07<sup>th</sup> October 2008, (Foundation for the increase in organ transplants and fabrics ONLUS.).

corTES meeting, "Corneal Transplant Epidemiological Study": presentazione dei risultati del trapianto di cornea in Italia", Padua 31<sup>st</sup> may 2008, EIDON (Center for Formation and Studies).

"VIII World Rabbit Congress", Puebla (Messico), 2-7/09/2004. **Coautor of the oral presentation:** Agnoletti F, Bano L, Deotto S., Comin D., Parenti E., Marcati M., **Bertolin M.**, Mazzolin E. "*Selective culture medium to isolate Clostridium spiroforme from rabbit gun*".

## FOREIGN LANGUAGES, SKILLS AND HOBBIES

Good knowledge of English both spoken and written.

Windows operating systems and Microsoft Office.

Member ANBI (Association National Italian Biotechnologists) and registered with the Register of Professional Biotechnologists held by the Association.

Subscribe to associations FIPAV (Italian Volleyball Federation) and CSI (Italian Sport Center) as trainer volleyball.

Volunteer for the association for disable people "La Nostra Famiglia" in Conegliano Veneto (TV) at the Educational Center Occupational Daytime (CEOD) Mareno di Piave (TV).

Animator of the parish youth ministry.