

# **CURRICULUM VITAE**

**Veronica Bianchi**

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**Luogo e Data di Nascita:** Bologna 20 Dicembre 1975

**Cittadinanza:** Italiana

**Residenza:** Via Marconi 47 40122 Bologna Italia

**Stato di Famiglia:** Coniugata

## **Istruzione e professione**

- 2015- oggi    **Datore di Lavoro e indirizzo:** Casa di Cura Città di Udine  
Viale Venezia 410 33100 Udine  
**Qualifica:** Responsabile di Laboratorio PMA  
**Tipologia contrattuale:** contratto libero professionale  
**Data inizio e fine attività:** dal 1 marzo 2015 in essere  
**Tempo:** non definito contrattualmente
- 2013-Oggi    Consulente per test di diagnosi prenatale non invasiva NATERA
- 2014-2015    **Datore di Lavoro e indirizzo:** Ospedale Careggi Firenze  
**Qualifica:** Embriologa Senior  
**Tipologia contrattuale:** contratto libero professionale  
**Data inizio e fine attività:** dal 2 dicembre 2014 al 28 febbraio 2015 (rinuncia per incompatibilità di incarico)  
**Tempo:** non definito contrattualmente ma di circa 40 ore settimanali
- 2002-2014    **Datore di Lavoro e indirizzo:** Andrea Borini presso Tecnobios Procreazione  
Via Dante 15 40125 Bologna Italia  
**Qualifica:** Embriologa Senior  
**Tipologia contrattuale:** contratto libero professionale  
**Data inizio e fine attività:** dal 1° marzo 2002 al 20 novembre 2014

- 2005-2008    **Datore di Lavoro e indirizzo:** Yale University Department of Obstetrics, Gynecology & Reproductive Sciences  
300 George street 06511 New Haven Connecticut U.S.A.  
**Qualifica:** Post Doctorate fellow  
**Tipologia contrattuale:** contratto libero professionale  
**Data inizio e fine attività:** dal 1° Ottobre 2005 fino al 30 Settembre 2008  
**Tempo:** non definito contrattualmente ma di circa 40 ore settimanali
- 2001-2004    Diploma presso la Scuola di Specializzazione in Genetica Applicata con voto 70/70 presso l’Università degli studi di Bologna Italia
- 1998-2002    **Datore di Lavoro e indirizzo:** Dr Raffaella Fabbri presso il reparto di Fisiopatologia della Riproduzione Ospedale S. Orsola Via Massarenti 40125 Bologna Italia  
**Qualifica:** Studentessa per i primi 2 anni; tirocinante per 1 anno e laureato frequentatore per 1 anno  
**Tipologia contrattuale:** nessuna  
**Data inizio e fine attività:** dal 1° Marzo 1998 fino al 28 Febbraio 2002  
**Tempo:** non definito ma di circa 50 ore settimanali
- 1995-2000    Laurea in Scienze Biologiche con voto 110/110 e lode presso l’Università degli studi di Bologna Italia
- 1990-1995    Maturità Linguistica presso il Collegio De Filippi di Arona (Novara) Italia

**Competenze:**

Ottima conoscenza di tutte le tecniche in uso nei laboratori di PMA (inclusa vitrificazione devitrificazione).

Utilizzo di tecniche come Comparative Genomic Hybridization (CGH), amplificazione estrazione di DNA ed RNA, tecniche di PCR, immunoistochimica utilizzo microscopio a fluorescenza e Poloscopio.

**Lingue conosciute:**

Ottima conoscenza lingua inglese

Buona conoscenza lingua francese

**Riconoscimenti:**

- 2007 Abstract candidato per best European young scientist award ESHRE meeting Lyon 2007.
- 2006 Candidata per best European young scientist award ESHRE meeting Prague 2006.
- 2002 Borsa di studio sponsorizzata SERONO per lo studio del congelamento ovocitario
- 2000 Miglior poster SIERR congresso nazionale Roma 2000.
- Premio CELLBIO per abstract Fabbri R., Iannascoli C., Tibaldi E., Bianchi V., Bracone G., Di Tullio S., Valeri B., Venturoli S  
Oestrogen and progesteron receptor, evaluation of fresh and frozen/thawed ovarian tissue in oncology patients

**Pubblicazioni:**

Fine morphological assessment of quality of human mature oocytes after slow freezing or vitrification with a closed device: a comparative analysis

**Veronica Bianchi**, Guido Macchiarelli, Andrea Borini, Michela Lappi, Sandra Cecconi, Selenia Miglietta, Giuseppe Familiari and Stefania Nottola

RB &E 2014 accepted for publication

A new approach to evaluate aging effects on human oocytes: Fourier transform infrared imaging spectroscopy study.

Gioacchini G, Giorgini E, Vaccari L, Ferraris P, Sabbatini S, **Bianchi V**, Borini A, Carnevali O. Fertil Steril. 2014 Jan;101(1):120-7. doi: 10.1016/j.fertnstert.2013.09.012. Epub 2013 Oct 17.

Oocyte slow freezing using a 0.2-0.3 M sucrose concentration protocol: is it really the time to trash the cryopreservation machine?

**Bianchi V.**, Lappi M., Bonu MA, Borini A.

Fertility and Sterility. 2012 May; 97(5) 1101-7. doi: 10.1016/j.fertnstert.2012.01.127.

The Alpha consensus meeting on cryopreservation key performance indicators and benchmarks: proceedings of an expert meeting

Alpha Scientists in Reproductive Medicine Meeting participants: Basak Balaban\* (Assisted Reproduction Unit, American Hospital, Istanbul, Turkey), **Veronica Bianchi** (Tecnobios Procreazione, Bologna, Italy), Virginia Bolton (Assisted Conception Unit, Guy's Hospital, London, UK), Ana Cobo (Instituto Valenciano de Infertilidad, Valencia, Spain), Thomas Ebner (Kinderwunsch Zentrum Linz, Austria), David Edgar (Reproductive Services/Melbourne IVF,

Royal Women's Hospital and Department of Obstetrics & Gynaecology, University of

Melbourne, Victoria, Australia) et al.

Reproductive BioMedicine Online (2012) 25, 146– 167

Cryopreservation of mature and immature oocytes.

Borini A, and **Bianchi V.**

Clin Obstet Gynecol. 2010 Dec;53(4):763-74. doi: 10.1097/GRF.0b013e3181f96f01. Review

Transcriptomic profiling of human oocytes: association of meiotic aneuploidy and altered oocyte gene expression.

Fragouli E., **Bianchi V.**, Patrizio P., Obradors A., Huang Z., Borini A., Delhanty JD., Wells D.

Mol Hum Reprod. 2010 Aug;16(8):570-82. doi: 10.1093/molehr/gaq033. Epub 2010 May 5

Qualitative and morphometric analysis of the ultrastructure of human oocytes cryopreserved by two alternative slow cooling protocols.

Coticchio G.Borini A., Distratis V., Maione M., Scaravelli G., **Bianchi V.**, Macchiarelli G., Nottola S. J Assist Reprod Genet. 2010 Apr;27(4):131-40. doi: 10.1007/s10815-010-9394-7

Inadvertent recombinant human follicle stimulating hormone bolus instead of human chorionic gonadotrophin leads to the retrieval of competent oocytes in IVF program

**Bianchi V.**, Dal Prato L., Maccolini A., Mazzone S. and Borini A.

Fertility and Sterility Nov 2009 (Vol. 92, Issue 5, Pages 1747.e1-1747.e3)

A Putative Mitotic Checkpoint Dependent on mTOR Function Controls Cell Proliferation and Survival in Ovarian Granulosa Cells.

Yaba A., **Bianchi V.**, Borini A. and Johnson J. Reproductive Sciences 2008; Vol 15 No 2; 128-138

High rate of biological loss in assisted reproduction: it is in the seed, not in the soil.

Patrizio P., **Bianchi V.**, Lalioti MD., Gerasimova T, Sakkas D. Reprod Biomed Online. 2007 Jan;14(1):92-5

Differential sucrose concentration during dehydration (0.2 mol/l) and rehydration (0.3 mol/l) increases the implantation rate of frozen human oocytes.

**Bianchi V.**, Coticchio G., Distratis V., Di Giusto N., Flamigni C. and A. Borini Reprod Biomed Online. 2007 Jan;14(1):64-71

Cumulative pregnancy rates resulting from the use of fresh and frozen oocytes: 7 years' experience.

Borini A, Lagalla C, Bonu M.A. **Bianchi V**, Flamigni C. Coticchio G. Reprod Biomed Online. 2006 Apr;12(4):481-6

Sucrose concentration influences the rate of human oocytes with normal spindle and chromosome configuration after slow cooling cryopreservation.

Coticchio G, De Santis L, Rossi G, Borini A, Albertini D, Scaravelli G, Alecci C, **Bianchi V**, Nottola S, Cecconi S. Hum Reprod. 2006 Jul;21(7):1771-6.

Criteria to assess human oocyte quality after cryopreservation.

Coticchio G, Bonu MA, **Bianchi V**, Flamigni C, Borini A. Reprod Biomed Online. 2005 Oct;11(4):421-7.

Clinical outcome of oocyte cryopreservation after slow cooling with a protocol utilizing a high sucrose concentration.

Borini A, Sciajno R, **Bianchi V**, Sereni E, Flamigni C, Coticchio . Hum Reprod. 2006 Feb;21(2):512-7.

Meiotic spindle imaging in human oocytes frozen with a slow freezing procedure involving high sucrose concentration.

**Bianchi V**, Coticchio G, Fava L, Flamigni C, Borini A. Hum Reprod. 2005 Apr;20(4):1078-83.

Volume changes of mature human oocytes on exposure to cryoprotectant solutions used in slow cooling procedures.

Paynter SJ, Borini A, **Bianchi V**, De Santis L Flamigni C, Coticchio G Hum Reprod. 2005 May;20(5):1194-9.

Pregnancies and births after oocyte cryopreservation.

Borini A, Bonu MA, Coticchio G, **Bianchi V**, Cattoli M, Flamigni C Fertil Steril. 2004 Sep;82(3):601-5

## **Capitoli per libri scientifici:**

### **Oocyte cryopreservation**

Andrea Borini and **Veronica Bianchi**

Fertility Preservation

Edit by Emre Seli and Ashok Agarwal 2012

Springer

### **The human oocyte: Controlled rate cooling**

Andrea Borini and **Veronica Bianchi**

Textbook of Assisted Reproductive Techniques

Fourth Edition

Edited by D.K. Gardner, A. Weissman, S.M. Howled, Z. Shoham 2012

Informa healthcare

### **Oocyte cryopreservation: slow freezing**

Andrea Borini and **Veronica Bianchi**

Pinciples and Practice of Fertility Preservation

Edit by J. Donnez and S.S. Kim 2011

Cambridge Medicine

### **Congelamento di ovociti**

**Veronica Bianchi**, Antonio Capalbo, Laura Rienzi

Medicina della Riproduzione Umana

Edited by A. Borini and F. Ubaldi 2010

CIC Edizioni Internazionali

### **Fertility preservation in women**

Veronica Bianchi, Joshua Johnson and Emre Seli

Non Invasive Management of Gynecologic Disorders

Edited by Aydin Arici and Emre Seli Informa healthcare 2007

### **Crioconservazione degli ovociti**

A Borini, **V. Bianchi**, G. Coticchio

Iter della coppia infertile: C. Foresta,A. Lanzone ,A. Ferlin

Cleup Editrice Padova

## **Non Invasive Management of Gynecologic Disorders**

Edited by Aydin Arici and Emre Seli Informa healthcare 2007

## **Fertility preservation in women**

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Cleup Editrice Padova

## **Crioconservazione degli ovociti**

A Borini, **V. Bianchi**, G. Coticchio

### **Abstracts e presentazioni orali:**

Morphokinetics and aneuploidy risk on human embryos: are they really correlated?

Lagalla C., Sciajno R., Tarozzi N., Nadalini M., Di Santo M., **Bianchi V.**, Distratis V., Borini A.

Accepted as poster presentation at 30<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology 2014

Detailed transcriptomic analysis of human mature oocytes reveals the impact of cryopreservation techniques at the gene expression level

**Bianchi V.**, Jaroudi S., Baban D., Knight S., Borini A, Wells W.

Accepted as oral presentation at 29<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology 2013

Ultrastructural morphology of human mature oocytes subjected to slow freezing or vitrification: A Comparative Analysis.

Nottola S., **Bianchi V.**, Lorenzo C., Maione M., Maccharelli G., Borini A.

Poster presentation at the 28<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology Volume 26, Supplement 1, 2012

Effects of slow freezing on human oocyte macromolecular building: an fourier transform infrared (FTIR) imaging analysis

Gioacchini G., Giorgini E., Carnevali O., **Bianchi V.**, Ferraris P., Vaccari L., Borini A.

Poster presentation at the 28<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology Volume 26, Supplement 1, 2012

Abandoned embryos in Italy: what will be their fate?

Cattoli M., V. **Bianchi V.**, Bonu M.A., Sciajno R., Lappi M., Borini A.

Poster presentation at the 28<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology Volume 26, Supplement 1, 2012

Follicle-specific predisposition to aneuploidy as revealed by transcriptomic analysis of cumulus cells

Fragouli E., Huang Z., **Bianchi V.**, Borini A., Kayisli U., Patrizio P., Wells D.

Oral presentation at the 27<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology Volume 26, Supplement 1, 2011

Oocyte cryopreservation is associated with altered embryonic poly(A)-binding protein (ePAB) expression.

Borini A., Guzeloglu-Kayisli O., **Bianchi V.**, Seli E.

Poster presentation at the 27<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology Volume 26, Supplement 1, 2011

Elapsing time: a variable to consider in oocyte cryopreservation

**Bianchi V.**, Lappi M., Bonu M.A., Borini A.

Poster presentation at the 27<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology Volume 26, Supplement 1, 2011

Lysosome and apoptotic activity in cumulus cells: do we rescue too much?

Borini A., Tarozzi N., Fiorentin D., Bonu MA., Nadalini M., Johnson J., De Santis L. and **Bianchi V.**

Poster presentation at the 26<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology Volume 25, Supplement 1, 2010

Activity of maturation promoting factor, but not of microtubule-activated protein kinase, decreases over time in frozen thawed human oocytes

Borini, A., Bogliolo L., Coticchio, G., **Bianchi, V.**, Nicoli A., Valli B., La Sala, G., Leoni G., Ledda S 25th Annual Meeting of the European Society of Human Reproduction and Embryology Volume 24, Supplement 1, June 2009

Oocyte freezing improvements: thanks to the Italian Law

*Borini A. **Bianchi V.** Baume Francia Serono Symposia International 23-24 Maggio 2008*

Identification of novel non-invasive biomarkers of oocyte aneuploidy

Wells D.,, Fragouli E., **Bianchi V.**, Borini A., Patrizio P.

Oral presentation at ASRM 64<sup>th</sup> annual meeting New Orleans USA Fertility and Sterility  
September 2008 (Vol. 90 Supplement, Page S35)

Fertilization and early developmental ability of cryopreserved human oocytes is not affected compared to sibling fresh oocytes

Coticchio G., Distratis V., **Bianchi V.**, A. BonuM.A., Sereni E., Borini A. Fertility and Sterility  
Poster presentation at ASRM 63<sup>rd</sup> annual meeting New Orleans USA Fertility and Sterility  
September 2007 (Vol. 88 Supplement 1, Page S340)

Gene expression in oocytes Matured In Vivo and Polar Body Analysis

Dagan Wells, E. Fragouli, **V. Bianchi**, A. Borini and P.Patrizio

Oocyte, Ovary and Transplantation meeting Boston 27-29 Settembre 2007

Gene expression analysis of human oocytes: Towards a non-invasive diagnosis of meiotic aneuploidy

Fragouli E.; **Bianchi V.**; Delhanty J.; Patrizio P.; Wells D.

23<sup>rd</sup> Annual Meeting of the European Society of Human Reproduction and Embryology  
Volume 22, Supplement 1, July 2007

Studio delle cellule del cumulo per la scelta dell'ovocita da inseminare

**Bianchi V.**

National Symposia Tecnobios Procreazione 13-15 Settembre 2007 Castelbrando Cison di Valmarino (TV) Italia

**Bianchi V.**, Lalioti M., Sakkas D., Gerasimova C., Patrizio P.

Developmental arrest of embryos assessed as normal using pre-implantation genetic screening.

Oral Presentation ar ASRM 62<sup>nd</sup> annual meeting New Orleans USA Fertility and Sterility  
September 2006 (Vol. 86, Issue 3, Supplement, Page S21)

**Comprehensive characterization of gene expression in human oocytes and identification of perturbations associated with meiotic aneuploidy, maturation and infertile pathology**

D. Wells, E. Fragouli, **V. Bianchi**, A. Obradors, J. Delhanty, P. Patrizio

Oral Presentation at ASRM 62nd annual meeting New Orleans USA Fertility and Sterility  
September 2006 (Vol. 86, Issue 3, Supplement, Pages S40-S41)

High rate of biological loss in ART according to eggs retrieved, fertilization, cleavage and pre-implantation genetic screening results.

**Bianchi, V.**; Sakkas, D.; Lalioti, M.D.; Gerasimova, T. and Patrizio, P.

Accepted as oral presentation at 22<sup>nd</sup> Annual Meeting of the European Society of Human Reproduction and Embryology 18-21 June 2006 (Volume 21, Supplement 1) selected for “Best young scientist award”

New molecular methods for the selection of the ideal oocyte

D. Wells, E. Fragouli, **V. Bianchi**, A. Borini, P. Patrizio

Tecnobios Procreazione Symposium 2006 and 2<sup>nd</sup> International Conference on the cryopreservation of the Human Oocyte

Is cryopreservation of gametes and gonadal tissue the solution?

Patrizio P. and **Bianchi V.**

National congress for oocyte cryopreservation 2005 Milano Italy

Cleavage delay and reduced quality in embryos derived from frozen-thawed oocytes.

**V. Bianchi**; G.Coticchio, V. Distratis, N. Di giusto and A. Borini

Oral Presentation at the 21<sup>st</sup> Annual Meeting of the European Society of Human Reproduction and Embryology, Copenhagen, Denmark 19-22 June 2005 (Volume 20, Supplement 1)

Cytoskeletal organization in frozen human oocytes.

De Santis L., Coticchio G., Rossi G., **Bianchi V.**, Borini A., Alecci C., Ceccconi S.

Oral Presentation at the 21<sup>st</sup> Annual Meeting of the European Society of Human Reproduction and Embryology, Copenhagen, Denmark 19-22 June 2005 (Volume 20, Supplement 1)

G. Coticchio, **V. Bianchi**, L. De Santis, C. Flamigni, A. Borini, S. Paynter

**Volume changes of human oocytes on exposure to cryoprotectants**

20st Annual Meeting of the European Society of Human Reproduction and Embryology, Berlin, Germany 27-30 June 2004 (Volume 19, Supplement 1)

**Frozen vs fresh oocytes: is there a difference?**

Fabbri R., **Bianchi V.**

ESHRE Annual Meeting Lausanne 2001 Medicult meeting

Oestrogen and progesteron receptor, evaluation of fresh and frozen/thawed ovarian tissue in oncology patients.

Fabbri R., Iannascoli C., Tibaldi E., **Bianchi V.**, Bracone G., Di Tullio S., Valeri B., Venturoli S  
1° national congress SIERR 2-3 Dicember 2000 Roma

Morphological evaluation of fresh and frozen/thawed human ovarian tissue in oncology patients

Fabbri R., Tibaldi E., Iannascoli C., **Bianchi V.**, Di Tullio S., Gabusi E., Venturoli S  
1° national congress SIERR 2-3 Dicember 2000 Roma

Immature oocyte recovered in stimulated IVF cycle

Fabbri R., Parmegiani L., Primavera MR, **Bianchi V.**, Rocchetta G  
1° national congress SIERR 2-3 Dicember 2000 Roma

Valutazione della percentuale di ovociti immaturi recuperati in cicli di fecondazione assistita.

Fabbri R., Parmegiani L., **Bianchi V.**, Rocchetta G., Fratto R., Missiroli S., Porcu E., Venturoli S., Flamigni C.

Poster at the nationel meeting S.I.F.E.S. e M.R. 17-20 December 2000 Rimini .

#### Socia delle seguenti associazioni scientifiche:

European Society for Human Reproduction (ESHRE)

SIERR (società Italiana embriologi)

ALPHA

#### Presentazioni a convegni e posters

Morphokinetics and aneuploidy risk on human embryos: are they really correlated?

Lagalla C., Sciajno R., Tarozzi N., Nadalini M., Di Santo M., **Bianchi V.**, Distratis V., Borini A.

Accepted as poster presentation at 30<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology 2014

Detailed transcriptomic analysis of human mature oocytes reveals the impact of cryopreservation techniques at the gene expression level

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Vibrational study on human oocytes: a comparison between FPA FT-IR Imaging and FT-SR  
Spectroscopy

Giorgini E., Conti C., Ferraris P., Sabbatini S., Tosi G., Carnevali O., Gioacchini G., Borini A.,  
**Bianchi V.**, Birarda G., Vaccari L.

Oral presentation 6<sup>th</sup> International workshop on infrared microscopy and spectroscopy with  
accelerator based sources. Trieste Italy 4-8 September 2011

Follicle-specific predisposition to aneuploidy as revealed by transcriptomic analysis of cumulus  
cells

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Does COH regimens influence the outcome of oocyte cryopreservation?

**Bianchi V.**

3rd International Conference on the Cryopreservation of the Human Oocyte 26-29 Novembre 2008 Bologna Italy

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Tecnobios Procreazione Symposium 2006 and 2<sup>nd</sup> International Conference on the cryopreservation of the Human Oocyte

“Cual es el Ovocito Odeal?” e “Evidencias de exito en criopresevacion de ovocitos”

Bianchi V.

Guadalajara Jalisco Mexico 2-3 Dicembre 2005 Convegno Internazionale “IX taller regional de la red latinoamericana de reproduccion asistida”

Is cryopreservation of gametes and gonadal tissue the solution?

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G. Coticchio, **V. Bianchi**, L. De Santis, C. Flamigni, A. Borini, S. Paynter

20st Annual Meeting of the European Society of Human Reproduction and Embryology, Berlin, Germany 27-30 June 2004 (Volume 19, Supplement 1)

Frozen vs fresh oocytes: is there a difference?

Fabbri R., **Bianchi V.**

ESHRE Annual Meeting Lausanne 2001 Medicult meeting

Oestrogen and progesteron receptor, evaluation of fresh and frozen/thawed ovarian tissue in oncology patients.

Fabbri R., Iannascoli C., Tibaldi E., **Bianchi V.**, Bracone G., Di Tullio S., Valeri B., Venturoli S  
1° national congress SIERR 2-3 Dicember 2000 Roma

Morphological evaluation of fresh and frozen/thawed human ovarian tissue in oncology patients

Fabbri R., Tibaldi E., Iannascoli C., **Bianchi V.**, Di Tullio S., Gabusi E., Venturoli S

1° national congress SIERR 2-3 Dicember 2000 Roma

Immature oocyte recovered in stimulated IVF cycle

Fabbri R., Parmegiani L., Primavera MR, **Bianchi V.**, Rocchetta G

1° national congress SIERR 2-3 Dicember 2000 Roma

Valutazione della percentuale di ovociti immaturi recuperati in cicli di fecondazione assistita.

Fabbri R., Parmegiani L., **Bianchi V.**, Rocchetta G., Fratto R., Missiroli S., Porcu E., Venturoli S., Flamigni C.

Poster at the nationel meeting S.I.F.E.S. e M.R. 17-20 December 2000 Rimini .

### **Ha partecipato a convegni, congressi, come uditore**

Bologna, 21-23 Aprile 1997. International Conference "*Human Oocytes: from Physiology to IVF*". Università degli Studi di Bologna.

Bologna, 12-13 Settembre 1997, *Ovulation Induction Update '97*. Università degli Studi di Bologna.

Rimini, 13-14 Novembre 1997. Incontri Scientifici Serono "*La fecondazione Assistita*"

Bologna 13 Dicembre 1997. IX Simposio "La Riproduzione Assistita, Controversie Cliniche e Biologiche". Incontri Serono.

Bologna, 19 Dicembre 1998. Simposio "*Prevenire la Sterilità*". Istituto di Clinica Ostetrica e Ginecologica. Università degli Studi di Bologna.

Bologna, 7-8 Ottobre 1999. Simposio "*Storing Reproduction: Cryopreservation of Human Gametes, Embryos and Gonadal Tissue*" The Royal Hotel Carlton

Firenze, 12-13 Novembre 1999 ISRE (The Intenational Society of Reproductive Endocrinology) Reproductive Medicine: "*current concepts and new perspectives* "

Bologna 26-27 Maggio 2000, "*Embryogenesis begins during oogenesis*" follicle development and oocyte fate

Milano 2-3 Giugno 2000 "*La fertilità e il nuovo millennio*" Istituto clinico Humanitas Milano

Roma 2-3 Dicembre 2000, 1° congresso nazionale Sierr. Hotel Jolly Roma

Rimini 17-20 Dicembre 2000 congresso SIFES (Società Italiana di Fertilità e Sterilità e Medicina della Riproduzione)

Sorrento 29 Settembre-1° Ottobre 2002 “*Genesis and Fate of the Preimplantation Embryo*” Intrinsic and Extrinsic Influences Serono Symposia

Sorrento 13-16 Aprile 2003 “*La fisiopatologia della riproduzione: il progresso della ricerca; le esitazioni della morale*” XXI Congresso Nazionale SIFES e MR

Madrid (Spagna) 30 Giugno-3 Luglio 2003 19th Annual Meeting of the European society of human reproduction and embryology (ESHRE)

Stresa (Verbania) 24-26 Settembre 2004 “*From Oocyte to Embryo: A Pathway to Life*” Serono Symposia International

Bologna 18-20 Novembre 2004 “*Assisted Conception and reproductive Biology: Two Perspective One Vision*” Royal Hotel Carlton

Berlino (Germany) 27-30 Giugno 2004 20th Annual Meeting of the European Society of Human Reproduction and Embryology, (ESHRE)

Bologna 16-17 Maggio 2005 “*Cryopreservation of the Human Oocyte*”

Copenhagen, (Danimarca) 19-22 Giugno 2005 21st Annual Meeting of the European Society of Human Reproduction and Embryology, (ESHRE)

Montreal (Canada) 15-19 Ottobre 2005 61th congresso ASRM (American Society for Reproductive Medicine)

Prague (Cecoslovacchia) 18-21 Giugno 2006 22nd Annual Meeting of the European Society of Human Reproduction and Embryology, (ESHRE)

New Orleans 21-25 Ottobre 2006 (USA) 62nd congresso ASRM (American Society for Reproductive Medicine) presentazione orale

Boston (U.S.A.) 27-29 Settembre 2007 meeting internazionale dal titolo “*Oocytes, Ovary and Transplantation: new discoveries applied to fertility preservation*”

Bologna 30 Novembre-2 Dicembre 2007 “*Second World Congress on Human Oocyte Cryopreservation*” .

Barcellona 6-9<sup>th</sup> July 2008 24th Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE)

Riccione 28-30 Maggio 2009 Congresso nazionale delle Società Italiane di Medicina della Riproduzione “*I Gameti*”

Amsterdam (Netherlands) 28 giugno-1 luglio 2009 25th Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE)

Convegno SIFR – SIAMS – Abano Terme (Padova), 27-28 febbraio 2009.

IX Corso di aggiornamento procreazione medicalmente assistita progressi delle procedure e riflessioni”. Trieste, 8-9 Ottobre 2009.

Crioconservazione dei gameti e infertilità; valutazioni biologiche e applicazioni cliniche alla luce delle modifiche della legge 40/2004 – Milano, 21 Novembre 2009

Roma 27-30<sup>th</sup> June 2010 26th Annual Meeting European Society of Human Reproduction and Embryology – ESHRE

I° giornata PROFERT sulla preservazione della fertilità – Castrocaro terme, 15 – 16 Giugno 2010.

XXVI Convegno “Medicina della riproduzione” – Abano Terme, 25-26 Febbraio 2011.

The 2<sup>nd</sup> International Congress on Controversies in Cryopreservation of Stem Cells, Reproductive Cells, Tissue & Organs (CRYO) Valencia, Spain, April 7-9, 2011

Stockholm 03–06<sup>th</sup> July 2011 27th Annual Meeting European Society of Human Reproduction and Embryology ESHRE

Tecnobios Procreazione Symposium 2011 14-15 settembre 2011 Palace Hotel - Desenzano del Garda

Alpha CONSENSUS meeting: Cryo KPIs and benchmarks November 10-12<sup>th</sup> 2011 - Istanbul – Turkey

"Una Scienza finalizzata alla Vita. La Responsabilità di una buona Pratica Medica tra l'Etica, Leggi e Politica Sanitaria" U.O. di Fisiopatologia della Riproduzione dell'Azienda USL di Rimini 16 Dicembre 2011 Cattolica (RN).

The 1<sup>st</sup> Biomarker meeting in Reproductive medicine: emergence of a new field. The Ovary, Gametes, Embryo and Endometrium Sorolla Palace, Valencia, Spain March 30-31 2012

Meeting ALPHA 2012 - Scientists in Reproductive Medicine 9th Biennial Conference, London - United Kingdom April 27 - April 29, 2012

Istanbul 02–04<sup>th</sup> July 2012 28th Annual Meeting European Society of Human Reproduction and Embryology ESHRE

Tecnobios Procreazione Symposium - Roma 15-17th November 2012

Celebrating the award of the Nobel Prize for Physiology or Medicine to Prof Robert Edwards Cambridge 15-16<sup>th</sup> December 2012

BluGnome USER GROUP MEETING 8th-9th April 2013 Cambridge UK

12<sup>th</sup> International Conference on Preimplantation Genetic Diagnosis May 8-11, 2013, Swiss hotel the Bosphorus, Istanbul, Turkey

SIERR UPDATE Molecole, organelle, cellule, embrioni: le basi biologiche dello sviluppo. 31 Maggio 2013 Best Western Royal Santina Roma.

London 07–10<sup>th</sup> July 2012 29th Annual Meeting European Society of Human Reproduction and Embryology ESHRE

### **Tutor per didattica**

- 1° corso di crioconservazione di ovociti umani tenuto a Bologna presso l'U.C.I. di ostetricia e ginecologia dell'ospedale S. Orsola- Malpighi di Bologna, 3-5 Dicembre 2001 Relazione dal titolo "La crioconservazione degli ovociti" Aspetti Biologici

- Corso teorico-pratico di crioconservazione di ovociti umani della durata di 3 giorni in data 3-5 Dicembre 20001 Bologna
- Corso pratico come assistente associato al Convegno Internazionale della durata di 2 giorni 2-3 Dicembre 2005 “IX taller regional de la red latinoamericana de reproduccion asistida” Guadalajara Jalisco Mexico
- Convegno Internazionale della durata di 3 giorni in data 27-29 Aprile 2006 “Office Management of the Infertile Couple- New Frontiers in Reproductive Medicine” Monterrey Mexico  
Relazione dal titolo “Oocyte cryopreservation: which is the best strategy?”
- Corso pratico come assistente associato al Convegno Internazionale della durata di 3 giorni in data 27-29 Aprile 2006 “Office Management of the Infertile Couple- New Frontiers in Reproductive Medicine” Monterrey Mexico
- Corso “Workshop on Oocyte Cryopreservation” della durata di 4 giorni in data 17-18 Ottobre 2006 e 21-22 Novembre 2006 Tecnobios Procreazione Bologna  
Relazione dal titolo “Meiotic spinale analysis trough polarized light microscopy”
- Corso teorico pratico come docente sulla crioconservazione degli ovociti della durata di 4 giorni in data 15-16 Maggio 2007 e 22-23 Maggio 2007 Tecnobios Procreazione Bologna
- Convegno Nazionale della durata di 3 giorni in data 13-15 Settembre 2007 Castelbrando Cison di Valmarino (TV) Italia  
Titolo della relazione: Studio delle cellule del cumulo per la scelta dell’ovocita da inseminare”