

INFORMAZIONI PERSONALI

Alessandra AlteriOCCUPAZIONE PER LA QUALE
SI CONCORRE
POSIZIONE RICOPERTA**Docenza**

March 2025 - present	Researcher, Italian National Transplant Centre, Italian National Institute of Health, Rome.
January 2025 – present	Sector Editor of Reproductive Biology and Endocrinology Journal.
February 2025 – present	Adjunct Professor of Histology, MSc Medicine and Surgery, UniCamillus-Saint Camillus International University of Health Sciences, Rome.
September 2024 – February 2025	Maternity Leave
June 2024- present	Coordinator of the Special Interest Group on Safety and Quality in ART (SIG SQART) of European Society of Human Reproduction and Embryology (ESHRE).
May 2023 – present	Member of the Scientific Expert Panel for the Development of ECDC Technical Guidelines on the Prevention of Donor-Derived Transmission of Communicable Diseases through Substances of Human Origin.
April 2023 - present	Member of “Tavolo tecnico di approfondimento delle tematiche relative alla procreazione medicalmente assistita (PMA) presso l’Ufficio di Gabinetto del Ministero della Salute”.
March 2022- present	Member of the Scientific Committee of the Italian Society of Embryology, Reproduction and Research (SIERR).
January 2021- September 2024	Adjunct Professor of Biology, bachelor’s degree in Obstetrics, University Vita-Salute San Raffaele.
January 2021- present	Review Editor of Frontiers Reproductive Health Journal.
June 2019- June 2024	Senior Deputy of the Special Interest Group on Safety and Quality in ART (SIG SQART) of European Society of Human Reproduction and Embryology (ESHRE).
January 2019- present	Member of the Editorial Board of the Notify Library.
June 2018 – March 2022	Principal Investigator of the study: Does partial zona pellucida removal from vitrified-warmed human blastocysts improve delivery rate in in vitro fertilization? A multicentric RCT on Laser Assisted Hatching. IRCCS San Raffaele Scientific Institute, Milan, Italy.
July 2017-June 2019	Junior Deputy of the Special Interest Group on Safety and Quality in ART (SIG SQART) of European Society of Human Reproduction and Embryology (ESHRE)
September 2015-March 2025	Senior Clinical Embryologist at San Raffaele Hospital, IRCCS San Raffaele Scientific Institute, Milan, Italy.
November 2011- 2015	Embryologist at Fertilclinic-Villa Margherita, Rome, Italy.
January 2011-September 2011	Postdoctoral fellowship at Development and Therapy of the Muscle Lab, Division of Regenerative Medicine, IRCCS San Raffaele Scientific Institute, Milan, Italy

ESPERIENZA
PROFESSIONALE

ISTRUZIONE E FORMAZIONE

January 2021- present	School of Specialization in Microbiology and Virology, University of Pavia, Italy
July 2018	ESHRE Senior Clinical Embryologist Certification
June 2015	ESHRE Clinical Embryologist Certification
February 2014 - June 2014	Course of Biology and news technologies in Assisted Reproductive Technology, Federico II University, Naples, Italy
November 2007 - February 2011	PhD in Cellular and Developmental Biology at Department of Cellular Biology and Development, Sapienza-University of Rome, Rome, Italy
February 2005 - May 2007	Master degree in Genetics and Molecular Biology at Sapienza-University of Rome, Rome, Italy (110/110 <i>cum laude</i>)
September 2001 - February 2005	Bachelor degree in Biological Sciences at Sapienza-University of Rome, Rome, Italy (110/110 <i>cum laude</i>)

COMPETENZE PERSONALI

Lingua madre Italiano

Altre lingue

Inglese

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
B2	B2	B2	B2	B2

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
 Quadro Comune Europeo di Riferimento delle Lingue

ULTERIORI INFORMAZIONI

Pubblicazioni

- Minetto S, Pisaturo D, Cermisoni GC, Vanni VS, Pagliardini L, Papaleo E, Berghella V, Mol BW, Alteri A. Are you aware of your citations? A cross-sectional survey on improper citations of retracted articles in assisted reproduction. *Reprod Biomed Online*. 2024 Nov;49(5):104366.
- Alteri A, Capalbo A, Pagliardini L. Re-evaluating one pronucleus embryos: expanding opportunities for couples in preimplantation genetic testing. *Fertil Steril*. 2024 Jul 23:S0015-0282(24)00619-8.
- Bartolacci A, Busnelli A, Pagliardini L, de Girolamo S, De Santis L, Esposito S, Alteri A, Setti PEL, Papaleo E. Assessing the developmental competence of oocytes matured following rescue in vitro maturation: a systematic review and meta-analysis. *J Assist Reprod Genet*. 2024 Jul 24.
- Scarrone M, Salmeri N, Buzzaccarini G, Canti V, Pasi F, Papaleo E, Rovere-Querini P, Candiani M, Alteri A, Busnelli A, Vanni VS. Low-molecular-weight heparin in the prevention of unexplained recurrent miscarriage: a systematic review and meta-analysis. *Sci Rep*. 2024 Jun 19;14(1):14168.
- Salmeri N, Alteri A, Farina A, Pozzoni M, Viganò P, Candiani M, Cavoretto PI. Preterm birth in singleton pregnancies conceived by in vitro fertilization or intracytoplasmic sperm injection: an overview of systematic reviews. *Am J Obstet Gynecol*. 2024 May 23:S0002-9378(24)00623-9.
- Sharma K, Ammar OF, Fraire-Zamora JJ, Uraji J, Thomson A, Aydin B, Ezzati M, Alteri A, Liperis G. When disaster strikes: risk management and implementing emergency vitrification protocols in IVF laboratory crises. *Hum Reprod*. 2024 Apr 22:deae080.
- Makieva S, Giacomini E, Scotti GM, Lazarevic D, Pavone V, Ottolina J, Bartiromo L, Schimberni M, Morelli M, Alteri A, Minetto S, Tonon G, Candiani M, Papaleo E, Viganò P. Extracellular vesicles secreted by human aneuploid embryos present a distinct transcriptomic profile and upregulate MUC1 transcription in decidualised endometrial stromal cells. *Hum Reprod Open*. 2024 Mar 12;2024(2):hoae014.
- Lacconi V, Massimiani M, Carriero I, Bianco C, Ticconi C, Pavone V, Alteri A, Muzii L, Rago R, Pisaturo V, Campagnolo L. When the Embryo Meets the Endometrium: Identifying the Features Required for Successful Embryo Implantation. *Int J Mol Sci*. 2024 Feb 29;25(5):2834.
- ESHRE Guideline Group on the Number of Embryos to Transfer; Alteri A, Arroyo G, Baccino G, Craciunas L, De Geyter C, Ebner T, Koleva M, Kordic K, Mcheik S, Mertes H, Pavicic Baldani D, Rodriguez-Wallberg KA, Rugescu I, Santos-Ribeiro S, Tillemann K, Woodward B, Vermeulen N, Veleza Z. ESHRE guideline: number of embryos to transfer during IVF/ICSI†. *Hum Reprod*. 2024

Apr 3;39(4):647-657.

- Alteri A, Reschini M, Guarneri C, Bandini V, Bertapelle G, Pinna M, Rabellotti E, Ferrari S, Papaleo E, Paffoni A, Viganò P, Somigliana E. The effect of laser-assisted hatching on vitrified/warmed blastocysts: the ALADDIN randomized controlled trial. *Fertil Steril*. 2024 Feb 9:S0015-0282(24)00091-8.
- Alteri A, Koustas G. Beyond the microscope: the importance of leadership skills in IVF laboratory management. *Reprod Biomed Online*. 2024 Apr;48(4):103726.
- Pisaturo V, Alteri A, Tillemann K, Mortimer D. Shedding light on the ART laboratory. *Reprod Biomed Online*. 2024 Mar;48(3):103713.
- Farlie F, Palmer GA, Cohen J, Calcagni C, Gorbunova A, Lawford Davies J, Loscher C, O'Raghallaigh R, Sharp T, Smale D, Sörme P, Thiel CL, Alteri A, Campbell A, Crompton K, Mortimer S, Pisaturo V, Tolpe A, Alikani M. Sustainability in the IVF laboratory: recommendations of an expert panel. *Reprod Biomed Online*. 2024 Jan;48(1):103600.
- Bartolacci A, Tondo F, Alteri A, Solano Narduche L, de Girolamo S, D'Alessandro G, Rabellotti E, Papaleo E, Pagliardini L. The Task Matters: A Comprehensive Review and Proposed Literature Score of the Effects of Chemical and Physical Parameters on Embryo Developmental Competence. *Life (Basel)*. 2023 Nov 3;13(11):2161.
- Cermisoni GC, Minetto S, Marzanati D, Alteri A, Salmeri N, Rabellotti E, Nova A, Salonia A, Pozzi E, Candiani M, Papaleo E, Pagliardini L. Effect of ejaculatory abstinence period on fertilization and clinical outcomes in ICSI cycles: a retrospective analysis. *Reprod Biomed Online*. 2024 Jan;48(1):103401.
- Serdarogullari M, Liperis G, Sharma K, Ammar OF, Uraji J, Cimadomo D, Alteri A, Popovic M, Fraire-Zamora JJ. Unpacking the artificial intelligence toolbox for embryo ploidy prediction. *Hum Reprod*. 2023 Dec 4;38(12):2538-2542.
- Cermisoni GC, Pisaturo V, Vanni VS, Minetto S, Pagliardini L, Masciangelo R, Candiani M, Papaleo E, Alteri A. Fertility Preservation as an Option for Women with Genetic Disorders: Insights from a SWOT Analysis on Elective Oocyte Freezing and Preimplantation Genetic Testing. *Life (Basel)*. 2023 Jun 30;13(7):1483.
- Minetto S, Zanirato M, Makieva S, Marzanati D, Esposito S, Pisaturo V, Costa M, Candiani M, Papaleo E, Alteri A. Surveillance of clinical research integrity in medically assisted reproduction: a systematic review of retracted publications. *Front Public Health*. 2023 Aug 1;11:1210951.
- Quartucci A, Pagliardini L, Cavoretto PI, Alteri A, Somigliana E, Dallagiovanna C, Viganò P, Racca A, Blockeel C, Candiani M, Papaleo E, Vanni VS. Progesterone levels during ovarian stimulation in segmented ART cycles inversely correlate with normalized birthweight of neonates conceived through subsequent frozen-thawed embryo transfer. *J Assist Reprod Genet*. 2023 Sep;40(9):2109-2116.
- Alteri A, Cermisoni GC, Pozzoni M, Gaeta G, Cavoretto PI, Viganò P. Obstetric, neonatal, and child health outcomes following embryo biopsy for preimplantation genetic testing. *Hum Reprod Update*. 2023 Jan 19:dmad001.
- Caporossi L, Viganò P, Paci E, Capanna S, Alteri A, Pigini D, Tranfo G, Papaleo B. A Case-Control Study on the Effects of Plasticizers Exposure on Male Fertility. *Int J Environ Res Public Health*. 2022 Dec 23;20(1):235.
- Villanacci R, Buzzaccarini G, Marzanati D, Vanni VS, De Santis L, Alteri A, Candiani M, Pagliardini L, Papaleo E. Delayed blastocyst development is influenced by the level of progesterone on the day of trigger. *J Assist Reprod Genet*. 2022 Dec 21.
- D'Angelo A, Panayotidis C, Alteri A, Mcheik S, Veleza Z. Evidence and consensus on technical aspects of embryo transfer. *Hum Reprod Open*. 2022 Sep 6;2022(4):hoac038.
- Cavoretto PI, Farina A, Gaeta G, Seidenari A, Pozzoni M, Spinillo S, Morano D, Alteri A, Viganò P, Candiani M. Greater estimated fetal weight and birth weight in IVF/ICSI pregnancy after frozen-thawed vs fresh blastocyst transfer: prospective cohort study with novel unified modeling methodology. *Ultrasound Obstet Gynecol*. 2022 Jul;60(1):76-85.
- Vanni VS, Alteri A, De Santis L, Cermisoni GC, Rabellotti E, Delprato D, Parma M, Papaleo E, Fedele L, Candiani M. Laparoscopic Oocyte Retrieval and Cryopreservation during Vaginoplasty for Treatment of Mayer-Rokitansky-Kuster-Hauser Syndrome. *J Vis Exp*. 2022 May 10;(183).
- Alteri A, Campo G, Pagliardini L, Privitera L, Cavoretto PI, Candiani M, Papaleo E, Viganò P. The effect of vitrified-warmed blastocyst transfer on postnatal growth: a 1-year follow-up questionnaire study. *Reprod Biomed Online*. 2022 May;44(5):907-914. doi: 10.1016/j.rbmo.2021.12.018.
- Alteri A, Bosco L, Chamayou S, Casciani V, Cervi M, Cecchele A, Cho YS, Costantini MP, Dal Canto MB, De Stefani S, Fraioli A, Furlan V, Giaccone F, Guarneri C, Guglielmino A, Iaccarino M, Miceli A, Minasi MG, Montano L, Notari T, Paffoni A, Palini S, Reschini M, Ruvolo G, Viganò P, Volpes A; in collaboration with Società Italiana di Riproduzione Umana. The paradox of the Italian clinical embryologist in the national public health system: hints towards harmonization of a postgraduate

- educational curriculum. *Hum Fertil (Camb)*. 2022 Mar 7:1-5.
- Pigini D, Caporossi L, Paci E, Capanna S, Viganò P, Alteri A, Rabellotti E, Buonauro F, Papaleo B, Tranfo G. Phthalate Exposure and Biomarkers of Oxidation of Nucleic Acids: Results on Couples Attending a Fertility Center. *Toxics*. 2022 Jan 29;10(2):61.
 - Corti L, Cermisoni GC, Alteri A, Pagliardini L, Ambrosini G, Andrisani A, Papaleo E, Viganò P, Noventa M. Clinical Outcomes Deriving from Transfer of Blastocysts Developed in Day 7: a Systematic Review and Meta-Analysis of Frozen- Thawed IVF Cycles. *Reprod Sci*. 2021 Jan 15.
 - Caporossi L, Viganò P, Paci E, Capanna S, Alteri A, Campo G, Pigini D, De Rosa M, Tranfo G, Papaleo B. Female Reproductive Health and Exposure to Phthalates and Bisphenol A: A Cross Sectional Study. *Toxics*. 2021 Nov 11;9(11):299.
 - Caporossi L, Capanna S, Viganò P, Alteri A, Papaleo B. From Environmental to Possible Occupational Exposure to Risk Factors: What Role Do They Play in the Etiology of Endometriosis? *Int J Environ Res Public Health*. 2021 Jan 11;18(2):E532.
 - Alteri A, Petrisli E, Nolan P, Pisaturo V, Fehily D, Navarro A, Strong DM, Cardillo M, Costa M. Learning from incidents in medically assisted reproduction: the Notify Library as a learning tool. *Reprod Biomed Online*. 2021 Oct;43(4):581-585.
 - Uraji J, Massarotti C, Ali ZE, Alteri A, Malhotra K, Sfountouris I, Makieva S. #ESHREjc report: is a longer time interval between oocyte retrieval and ICSI a blessing in disguise? *Hum Reprod*. 2021 Aug 18;36(9):2629-2630.
 - Alteri A, Pisaturo V, Somigliana E, Viganò P. Reply: COVID-19 in liquid nitrogen: a potential danger still disregarded. *Hum Reprod*. 2021 Jan 1;36(1):260-261.
 - Alteri A, Pisaturo V, Somigliana E, Viganò P. Cryopreservation in reproductive medicine during the COVID-19 pandemic: rethinking policies and European safety regulations. *Hum Reprod*. 2020 Aug 3:deaa210.
 - ESHRE Special Interest Group Safety and Quality in ART, Alteri A, Vermeulen N, Rugescu IA, Nogueira D, Veleza Z, D'Angelo A, Tilleman K. Coding in medically assisted reproduction: the status of the implementation of the Single European Code for reproductive cells and tissues. *Hum Reprod Open*. 2020 Jul 15;2020(3):hoaa027.
 - Alteri A, Guarneri C, Corti L, Restelli L, Reschini M, Giardina P, Papaleo E, Somigliana E, Viganò P, Paffoni A. ALADDIN study: does assisted hatching of vitrified/warmed blastocysts improve live birth rate? Protocol for a multicentric randomised controlled trial. *BMJ Open*. 2020 Jul 19;10(7):e031544.
 - Pagliardini L, Viganò P, Alteri A, Corti L, Somigliana E, Papaleo E. Shooting STAR: reinterpreting the data from the 'Single Embryo TrAnsfer of Euploid Embryo' randomized clinical trial. *Reprod Biomed Online*. 2020 Apr;40(4):475-478.
 - Viganò P, Alteri A, Busnelli A, Vanni VS, Somigliana E. Frozen IVF Cycles to Circumvent the Hormonal Storm on Endometrium. *Trends Endocrinol Metab*. 2020 Apr;31(4):296-307.
 - Caporossi L, Alteri A, Campo G, Paci E, Tranfo G, Capanna S, Papaleo E, Pigini D, Viganò P, Papaleo B. Cross Sectional Study on Exposure to BPA and Phthalates and Semen Parameters in Men Attending a Fertility Center. *Int J Environ Res Public Health*. 2020 Jan 13;17(2). pii: E489.
 - Alteri A, Corti L, Cermisoni GC, Papaleo E, Viganò P, Noventa M. Busting the myth of extended blastocyst culture until Day 7: Protocol for systematic review and meta-analysis. *Medicine (Baltimore)*. 2020 Jan;99(5):e18909.
 - Sanchez AM, Pagliardini L, Cermisoni GC, Privitera L, Makieva S, Alteri A, Corti L, Rabellotti E, Candiani M, Viganò P. Does Endometriosis Influence the Embryo Quality and/or Development? Insights from a Large Retrospective Matched Cohort Study. *Diagnostics (Basel)*. 2020 Feb 3;10(2). pii: E83.
 - Alteri A, Pisaturo V, Tilleman K, D'Angelo A. The IVF Shopping List: To Tick or Not to Tick. *EMJ*. 2019; 4(3):14-21.
 - Murdica V, Giacomini E, Alteri A, Bartolacci A, Cermisoni GC, Zarovni N, Papaleo E, Montorsi F, Salonia A, Viganò P, Vago R. Seminal plasma of men with severe asthenozoospermia contain exosomes that affect spermatozoa motility and capacitation. *Fertil Steril*. 2019 May;111(5):897-908.e2.
 - Alteri A, Pisaturo V, Nogueira D, D'Angelo A. Elective egg freezing without medical indications. *Acta Obstet Gynecol Scand*. 2019 May;98(5):647-652.
 - Alteri A, Pisaturo V, Nogueira D, D'Angelo A. Elective egg freezing – better younger but effective enough? *Acta Obstet Gynecol Scand*. 2019 Apr 10.
 - Alteri A, Corti L, Sanchez AM, Rabellotti E, Papaleo E, Viganò P. Assessment of pre-implantation genetic testing for embryo aneuploidies: A SWOT analysis. *Clin Genet*. 2019 Apr;95(4):479-487.
 - Cermisoni GC, Alteri A, Corti L, Rabellotti E, Papaleo E, Viganò P, Sanchez AM. Vitamin D and Endometrium: A Systematic Review of a Neglected Area of Research. *Int J Mol Sci*. 2018 Aug

8;19(8).

- Alteri A, Viganò P, Maizar AA, Jovine L, Giacomini E, Rubino P. Revisiting embryo assisted hatching approaches: a systematic review of the current protocols. J Assist Reprod Genet. 2018 Mar;35(3):367-391.
- Ricci E, Al-Beitawi S, Cipriani S, Alteri A, Chiaffarino F, Candiani M, Gerli S, Viganó P, Parazzini F. Dietary habits and semen parameters: a systematic narrative review. Andrology. 2018 Jan;6(1):104-116.
- Sarais V, Cermisoni GC, Schimberni M, Alteri A, Papaleo E, Somigliana E, Viganò P. Human Chorionic Gonadotrophin as a Possible Mediator of Leiomyoma Growth during Pregnancy: Molecular Mechanisms. Int. J. Mol. Sci. 2017, 18(9), 2014.
- Intra G, Alteri A, Corti L, Rabbellotti E, Papaleo E, Restelli L, Biondo S, Garancini MP, Candiani M, Viganò P. Application of failure mode and effect analysis in an assisted reproduction technology laboratory. Reprod Biomed Online. 2016 Aug;33(2):132-9.
- Fabozzi G, Starita MF, Rega E, Alteri A, Colicchia A, Piscitelli C, Giannini P. Evaluation of the Efficiency of Two Different Freezing Media and Two Different Protocols to Preserve Human Spermatozoa from Cryoinjury. Int J Reprod Med. 2016;2016:6059757.
- Fabozzi G, Alteri A, Rega E, Starita MF, Piscitelli C, Giannini P, Colicchia A. Morphological assessment on day 4 and its prognostic power in selecting viable embryos for transfer. Zygote. 2016 Aug;24(4):477-84.
- Rubino P, Cotarello RP, Alteri A, Rega E, Viganò P, Giannini P. Trophoctoderm biopsy performed by a double laser zona drilling: first safety evidence. Eur J Obstet Gynecol Reprod Biol. 2014 Oct;181:344-5.
- Alteri A, De Vito F, Messina G, Pompili M, Calconi A, Visca P, Mottolese M, Presutti C, Grossi M. Cyclin D1 is a major target of miR-206 in cell differentiation and transformation. Cell Cycle. 2013 Dec 15;12(24):3781-90.

- Libri**
- Sarais V., Giacomini E., Alteri A., Viganò P. "Vitamin D Deficiency and Medically Assisted Reproduction", Textbook of Assisted Reproduction, 2020.
 - Alteri A. and Pisaturo V. "Maternal and Obstetric Outcomes after Oocyte Cryopreservation", Long Term Safety of Assisted Reproduction, 2022.

Premi Best Free Communication Award. Alpha Biennial Conference. Sevilla 6-9 October 2022.

Attività didattica

Academic year 2024-2025 - at present: Adjunct Professor of Histology, MSc Medicine and Surgery, UniCamillus-Saint Camillus International University of Health Sciences, Rome.

Academic year 2021-2022 - September 2024: Adjunct Professor of Biology, Bachelor Degree in Obstetrics, University Vita-Salute San Raffaele.

Academic year 2020-2021 to present: Coordinator of the Master in Biologia della Nutrizione per la Riproduzione Umana, University of Rome Sapienza.

Academic year 2020-2021 to present: Lecturer for the Master di Embriologia Umana Applicata. Università Roma Tre.

Academic year 2018-2019 to present: Lecturer for the Master in Tecniche di Procreazione Medicalmente Assistita e Scienze della Riproduzione Umana. Università degli Studi di Padova.

Academic year 2016-2017 to present: Lecturer for Cellular Biotechnology course, held by Prof. Graziella Messina, Biotechnology Degree, University of Milan.

Academic year 2015-2016 to present: Lecturer for Developmental Biology course, held by Prof. Ada Maria Tata, Biological Sciences Degree, University of Rome Sapienza.

Academic year 2015-2016 to present: Lecturer for Biotechnological Aspects in ART course, held by Prof. Massimo Candiani, Molecular and Cellular Biotechnologies Degree, UniSR-University Vita-Salute San Raffaele.

Academic year 2015-2016 to 2016-2017: Lecturer for Molecular Biology of Stem Cells course, held by Dr. Alessandro Rosa, Genetics and Molecular Biology Degree, University of Rome Sapienza.

Academic year 2007-2008 to 2010-2011: Lecturer for Molecular Virology course, held by Dr. Milena Grossi, Biological Sciences Degree, University of Rome Sapienza.

December 2009-April 2010: Fellowship for PhD students, Department of Human and Animal Biology, University of Rome Sapienza.

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

La sottoscritta dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

Data
01/07/2025

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