

INFORMAZIONI PERSONALI

Alessandra Alteri

OCCUPAZIONE PER LA QUALE
SI CONCORRE
POSIZIONE RICOPERTA

Docenza

ESPERIENZA
PROFESSIONALE

January 2021- at present	Adjunct Professor of Biology (BIO13), Bachelor Degree in Obstetrics, University Vita-Salute San Raffaele
January 2021- at present	Senior Deputy of the Special Interest Group on Safety and Quality in ART (SIG SQART) of European Society of Human Reproduction and Embryology (ESHRE)
June 2019- at present June 2018	Member of the Editorial Board of the Notify Library 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-present	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

ISTRUZIONE E FORMAZIONE

January 2021- at 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 Biology and Development 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	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	B2	B2	B2	B2	B2
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					

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

ULTERIORI INFORMAZIONI

Publicazioni

- 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.
- Laconi 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, Veleva Z. ESHRE guideline: number of embryos to transfer during IVF/ICSI†. Hum Reprod. 2024 Apr 3;39(4):647-657.
- Alteri A, Reschini M, Guameri 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.
- 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.
- 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.
14. 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.
 15. 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 May 2;29(3):291-306.
 16. 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*. 2023 Feb;40(2):361-370.
 17. Caporossi L, Viganò P, Paci E, Capanna S, Alteri A, Pigni 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.
 18. D'Angelo A, Panayotidis C, Alteri A, Mcheik S, Veleva Z. Evidence and consensus on technical aspects of embryo transfer. *Hum Reprod Open*. 2022 Sep 6;2022(4):hoac038.
 19. 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.
 20. Vanni VS, Alteri A, De Santis L, Cermisoni GC, Rabelotti 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).
 21. 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.
 22. 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, Guameri 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 Ferti (Camb)*. 2022 Mar 7:1-5.
 23. Pigni D, Caporossi L, Paci E, Capanna S, Viganò P, Alteri A, Rabelotti 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.
 24. 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*. 2022 Jan;29(1):43-53. doi:
 25. Caporossi L, Viganò P, Paci E, Capanna S, Alteri A, Campo G, Pigni 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.
 26. 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.
 27. Uraji J, Massarotti C, Ali ZE, Alteri A, Malhotra K, Sfontouris 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.
 28. 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.
 29. 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.
 30. 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;dea210.
 31. ESHRE Special Interest Group Safety and Quality in ART, Alteri A, Vermeulen N, Rugescu IA, Nogueira D, Veleva 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.

32. Alteri A, Guameri 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.
33. 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.
34. 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.
35. Caporossi L, Alteri A, Campo G, Paci E, Tranfo G, Capanna S, Papaleo E, Pigni 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.
36. 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. Alteri A, Pisaturo V, Nogueira D, D'Angelo A. Elective egg freezing – better younger but effective enough? *Acta Obstet Gynecol Scand*. 2019 Apr 10.
42. 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.
43. 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).
44. 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.
45. Ricci E, Al-Beitawi S, Cipriani S, Alteri A, Chiaffarino F, Candiani M, Gerli S, Viganò P, Parazzini F. Dietary habits and semen parameters: a systematic narrative review. *Andrology*. 2018 Jan;6(1):104-116.
46. 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.
47. Intra G, Alteri A, Corti L, Rabellotti 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.
48. 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.
49. 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.
50. 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.
51. 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.

Dati personali Autorizzo la pubblicazione del mio curriculum vitae e il trattamento dei dati personali in esso contenuti in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16.

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.

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