Valerio Pisaturo
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EXPERIENCE

2025 - PRESENT

Adjunct professor for the course “Reproductive Pathophysiology”, Bachelor's degree program in Midwifery. Sapienza University of Rome

2024 - PRESENT

Expert for GAPP-PRO, EU project assessing novel substances of human origin preparation processes

2023 - PRESENT

Laboratory Director, Azienda Ospedaliero-Universitaria Policlinico Umberto I, Rome

2021 - PRESENT

President of Italian Society of Embryology, Reproduction and Research (SIERR).

2018 - PRESENT

Adjunct professor for the course “Human Reproduction Biotechnologies”, Bachelor’s course of Medical-pharmaceutical biotechnology, University of Genoa

2021 - 2023

Senior Clinical Embryologist & Equipment Manager, Infertility Centre of Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico, Milan

Member of the faculty/speakers for the Competent Authority (Centro Nazionale Trapianti)

2018 - 2021

Adjunct professor for the course “Human Reproduction Biotechnologies”, Bachelor’s course of Medical-pharmaceutical biotechnology AY 2017/2018, University of Genoa

Treasurer of Italian Society of Embryology, Reproduction and Research (SIERR)

Consultant at SANITANOVA Srl for the Consensus Delphi project: “Fertility Technologies: how to reduce time to live birth”

2016 -2017
Member of the Executive Committee of Italian Society of Embryology, Reproduction and Research (SIERR)

2012 -2021
Senior Clinical Embryologist, International Evangelical Hospital (OEI), Genoa

Semenologist, Laboratorio Albaro S.p.A., Genoa

2014
Web Content Editor, Merck Serono S.p.A.

2009 -2012
Embryologist, Galliera Hospital, Genoa

EDUCATION

2016
Course VISTART “Introduction to the single european code and its associated compendia”

2016
ESHRE Certification (European Society of Human Reproduction and. Embryology) of Senior Clinical Embryologist

2011 - 2016
Post-graduate degree in Medical Genetics, University of Genoa. Thesis Title: Routine karyotiping in infertile couples: Is it really mandatory? Proposal from experience on 7,196 infertile Italian couples

2009
Enrolment in the Ordine Nazionale dei Biologi professional register - ONB: 062037

2009 -2011
M.Sc.1st Hons, Reproduction biology and cell differentiation, University of Naples Federico II. Thesis Title: Fertility preservation in cancer patients: different approach for cryopreservation of ovarian tissue.

2006 -2009
B.Sc. 1st Hons, Biology, University of Naples Federico II.

GRANTS

01/11/2013 – 01/09/2014
Fertility preservation International Evangelical Hospital (OEI), Genoa. Supervisor for http://fertilita4us.org . Founded by Rotary Club Genova

22/05/2013 -31/10/2013
In situ detection of fragmented sperm DNA (TUNEL assay) and male infertility. International Evangelical Hospital (OEI), Genoa. Founded by Merck Sharp & Dohme Corp.

12/11/2012 – 31/03/13
Peroxides in mineral oil during embryo colture. International Evangelical Hospital (OEI), Genoa. Founded by Ferring Pharmaceuticals Inc.

1/07/2011-31/12/2011
Cryopreservation for female cancer patients. Galliera Hospital, Genoa. Founded by Ferring Pharmaceuticals Inc.

10/11/2009 –10/06/2011
Fertility preservation for female cancer patients. Galliera Hospital, Genoa. Founded by Italian National Institute of Health (ISS).

PUBLICATIONS

*D'Angelo A, Mahoney A, **Pisaturo V**, Alteri A. Technical aspects of embryo transfer: a literature review. Minerva Obstet Gynecol. 2025 Jun 30. doi: 10.23736/S2724-606X.25.05621-0. Epub ahead of print. PMID: 40587201.*

*Martinez-Rodero I, Gallardo M, **Pisaturo V**, Scarica C, Conaghan J, Liebermann J, Cuevas-Saiz I. Shorter protocols for vitrification and post-warming dilution of human oocytes and embryos: a narrative review. Reprod Biomed Online. 2025 Feb 7;51(2):104857. doi: 10.1016/j.rbmo.2025.104857. Epub ahead of print. PMID: 40479947.*

*Liperis G, Makieva S, Serdarogullari M, Uraji J, Ali ZE, **Pisaturo V**, Cuevas-Saiz I, Scarica C, Sharma K, Fraire-Zamora JJ. Agree to disagree: reaching consensus amongst embryologists on the clinical management of low-quality blastocysts. Hum Reprod. 2024 Jun 3;39(6):1353-1356. doi: 10.1093/humrep/deae083. PMID: 38670550.*

*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. doi: 10.3390/ijms25052834. PMID: 38474081; PMCID: PMC10931638.*

***Pisaturo V**, Reschini M, Guarneri C, Sanzani E, Paffoni A, Somigliana E. Conventional in vitro fertilisation rather than intracytoplasmic sperm injection when only one oocyte is retrieved: Time to overcome irrational fears. Aust N Z J Obstet Gynaecol. 2024 Aug;64(4):361-367. doi: 10.1111/ajo.13806. Epub 2024 Feb 28. PMID: 38415771.*

Pisaturo V, Alteri A, Tilleman K, Mortimer D. Shedding light on the ART laboratory. Reprod Biomed Online. 2023 Nov 10;48(3):103713. doi: 10.1016/j.rbmo.2023.103713. Epub ahead of print. PMID: 38244347.

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. doi: 10.1016/j.rbmo.2023.103600. Epub 2023 Oct 12. PMID: 38039562.*

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. doi: 10.3389/fpubh.2023.1210951. PMID: 37588117; PMCID: PMC10427242.

*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. doi: 10.3390/life13071483. PMID: 37511857; PMCID: PMC10381289*

*Vaiarelli A, Zacà C, Spadoni V, Cimadomo D, Conforti A, Alviggi C, Palermo R, Bulletti C, De Santis L, **Pisaturo V**, Vigiliano V, Scaravelli G, Ubaldi FM, Borini A. Clinical and laboratory key performance indicators in IVF: A consensus between the Italian Society of Fertility and Sterility and Reproductive Medicine (SIFES-MR) and the Italian Society of Embryology, Reproduction and Research (SIERR). J Assist Reprod Genet. 2023 Jun;40(6):1479-1494. doi: 10.1007/s10815-023-02792-1. Epub 2023 Apr 24. PMID: 37093443; PMCID: PMC10310668.*

*Ciaffaglione M, Reschini M, Balli M, Guarneri C, Palermo MC, Pinna M, **Pisaturo V**, Somigliana E, Paffoni A, Vigano' P. Post-Thaw Day 5 Blastocyst Culture Time Prior to Transfer Does Not Affect Assisted Reproduction Technology (ART) Outcomes in Frozen-Thawed Embryo Transfer Cycles. J Clin Med. 2022 Dec 15;11(24):7444. doi: 10.3390/jcm11247444. PMID: 36556058; PMCID: PMC9781174.*

*Balli M, Cecchele A, **Pisaturo V**, Makieva S, Carullo G, Somigliana E, Paffoni A, Vigano' P. Opportunities and Limits of Conventional IVF versus ICSI: It Is Time to Come off the Fence. J Clin Med. 2022 Sep 27;11(19):5722. doi: 10.3390/jcm11195722. PMID: 36233589; PMCID: PMC9572455.*

*Scaravelli G, **Pisaturo V**, Levi Setti PE, Ubaldi FM, Livi C, Borini A, Greco E, Villani MT, Coccia ME, Revelli A, Ricci G, Fusi F, Costa M, Migliorati E, De Luca R, Vigiliano V, Bolli S, Reschini M. Monozygotic twin rate among ART centers: a multicenter analysis of data from 18 Italian units. J Assist Reprod Genet. 2022 Oct;39(10):2349-2354. doi: 10.1007/s10815-022-02603-z. Epub 2022 Sep 2. PMID: 36053372; PMCID: PMC9596663*

*Galati G, Serra N, Ciaffaglione M, Pinna M, Reschini M, **Pisaturo V**, Somigliana E, Muzii L, Filippi F. Folliculogenesis in random start protocols for oocytes cryopreservation: quantitative and qualitative aspects. Reprod Sci. 2022 Nov;29(11):3260-3265. doi: 10.1007/s43032-022-00945-8. Epub 2022 Apr 25. PMID: 35467264; PMCID: PMC9646541*

*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. doi: 10.1016/j.rbmo.2021.07.015. Epub 2021 Jul 28. PMID: 34465527*

*Paffoni A, Reschini M, **Pisaturo V**, Guarneri C, Palini S, Viganò P. Should rescue ICSI be re-evaluated considering the deferred transfer of cryopreserved embryos in in-vitro fertilization cycles? A systematic review and meta-analysis. Reprod Biol Endocrinol. 2021 Aug 4;19(1):121. doi: 10.1186/s12958-021-00784-3. PMID: 34348713; PMCID: PMC8336078.*

*Esposito G, Somigliana E, Franchi M, Dallagiovanna C, **Pisaturo V**, Corrao G, Parazzini F. Trend of medically induced monozygotic twin deliveries according to age, parity, and type of assisted reproductive technique during the period 2007-2017 in Lombardy Region, Northern Italy: a population-based study. J Assist Reprod Genet. 2021 Sep;38(9):2341-2347. doi: 10.1007/s10815-021-02268-0. Epub 2021 Jul 9. PMID: 34244872; PMCID: PMC8490568*

*Coticchio G, Behr B, Campbell A, Meseguer M, Morbeck DE, **Pisaturo V**, Plancha CE, Sakkas D, Xu Y, D'Hooghe T, Cottell E, Lundin K. Fertility technologies and how to optimize laboratory performance to support the shortening of time to birth of a healthy singleton: a Delphi consensus. J Assist Reprod Genet. 2021 May;38(5):1021-1043. doi: 10.1007/s10815-021-02077-5. Epub 2021 Feb 18. PMID: 33599923; PMCID: PMC8190195.*

*Dell'Aversana C, Cuomo F, Longobardi S, D'Hooghe T, Caprio F, Franci G, Santonastaso M, Colacurci N, Barone S, **Pisaturo V**, Valerio D, Altucci L. Age-related miRNome landscape of cumulus oophorus cells during controlled ovarian stimulation protocols in IVF cycles. Hum Reprod. 2021 Apr 20;36(5):1310-1325. doi: 10.1093/humrep/deaa364. PMID: 33454781; PMCID: PMC8058597*

*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. doi: 10.1093/humrep/deaa287. PMID: 33244603; PMCID: PMC7717296.*

*Paoli D, Pallotti F, Dima AP, Albani E, Alviggi C, Causio F, Dioguardi CC, Conforti A, Ciriminna R, Fabozzi G, Giuffrida G, Gualtieri R, Minasi MG, Ochetti S, **Pisaturo V**, Racca C, Rienzi L, Sarcina E, Scarica C, Tomasi G, Verlengia C, Villeggia R, Zullo F, Lenzi A, Botrè F, De Santis L. Phthalates and Bisphenol A: Presence in Blood Serum and Follicular Fluid of Italian Women Undergoing Assisted Reproduction Techniques. Toxics. 2020 Oct 21;8(4):91. doi: 10.3390/toxics8040091. PMID: 33096627; PMCID: PMC7712248.*

*Paoli D, Dal Canto M, Baldi E, Cervi M, Ciotti PM, Ciriminna R, Dabizzi S, Farace D, Garello C, Garolla A, Giacchetta D, Gualtieri R, Menegazzo M, Minasi MG, Oneta M, **Pisaturo V**, Rienzi L, Scarica C, Taliani G, De Santis L. Cryopreserved Gamete and Embryo Transport: Proposed Protocol and Form Templates-SIERR (Italian Society of Embryology, Reproduction, and Research). Biopreserv Biobank. 2021 Feb;19(1):27-32. doi: 10.1089/bio.2020.0080. Epub 2020 Oct 7. PMID: 33026886.*

*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 Dec 1;35(12):2650-2657. doi: 10.1093/humrep/deaa210. PMID: 32744638; PMCID: PMC7454562.*

*De Santis L, Anastasi A, Cimadomo D, Klinger FG, Licata E, **Pisaturo V**, Sosa Fernandez L, Scarica C. COVID-19: the perspective of Italian embryologists managing the IVF laboratory in pandemic emergency. Hum Reprod. 2020 Apr 28;35(4):1004-1005. doi: 10.1093/humrep/deaa074. PMID: 32268352; PMCID: PMC7184410.*

*Alteri A, **Pisaturo V**, Nogueira D, D'Angelo A. Elective egg freezing - Better younger but effective enough? Acta Obstet Gynecol Scand. 2019 Jul;98(7):948. doi: 10.1111/aogs.13618. Epub 2019 May 9. PMID: 30970148.*

*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. doi: 10.1111/aogs.13573. Epub 2019 Mar 5. PMID: 30758059.*

*Bajetto A, Pattarozzi A, Corsaro A, Barbieri F, Daga A, Bosio A, Gatti M, **Pisaturo V**, Sirito R, Florio T Different Effects of Human Umbilical Cord Mesenchymal Stem Cells on Glioblastoma Stem Cells by Direct Cell Interaction or Via Released Soluble Factors. Front Cell Neurosci. 2017 Oct 13;11:312. doi: 10.3389/fncel.2017.00312.*

*Mauro Costa, Simona Cavani, **Valerio Pisaturo**, Martina Di Luca, Alessandro Geroldi, Fausta Sozzi, Paola Anserini Routine karyotiping in infertile couples: is it really mandatory? Proposal from experience on 7,196 infertile Italian couples. The Italian journal of Gynecology and Obstetrics March 2017 - Vol. 29 - N. 1 - Quarterly - ISSN 2385 – 0868*

***Pisaturo V**., Gatti M., López-Pérez N., Bottazzi C., Barbieri F., Cervellò I., Florio T., Costa M. Endometrial stem cells and human reproductive failure. Current Trends in Clinical Embryology 2016; 3 (3): 90-97 doi: 10.11138/cce/2016.3.3.090*

*C. Chianese, M. G. Fino, A. R. Escamilla, O. L. Rodrigo, S. Vinci, E. Guarducci, F. Daguin, D. Lo Giacco, E. Ars, L.Bassas, M. Muratori, M. Costa, **V. Pisaturo**, I. Noci, E. Coccia, A. Provenzano, E. Ruiz-Castañé, S. Giglio, P. Piomboni, C. Krausz Comprehensive Investigation in Patients Affected by Severe sperm macrocephaly and globozoospermia Andrology, Jan 2015 doi: 10.1111/andr.12016*

*L. Cassettari, M. Mosca, R. Mosca, F. Rolando, M. Costa, **V. Pisaturo** IVF cycle cost estimation using Activity Based Costing and Monte Carlo simulation. Health Care Manag Sci. 2014 Apr 22*