

Alessandro Bartolacci

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Work Experience

IRCCS SAN RAFFAELE HOSPITAL, MILAN, ITALY

IVF Laboratory Supervisor

Sep-24 – present

IRCCS SAN RAFFAELE HOSPITAL, MILAN, ITALY

Senior Embryologist

Aug-23 – Sep-23

9.BABY GENERALIFE IVF, BERGAMO, ITALY

Laboratory Director

Feb-22 – Jul-23

9.BABY FAMILY AND FERTILITY CENTER, BERGAMO, ITALY

Senior Embryologist

Dec-20 – Jan-22

CMR S.R.L. BIOGENESI, MONZA, ITALY

Embryologist

May-18 – Nov-20

IRCCS SAN RAFFAELE HOSPITAL, MILAN, ITALY

Embryologist

Oct-16 – Apr-18

IRCCS SAN RAFFAELE HOSPITAL, MILAN, ITALY

Trainee Embryologist

Dec-15 – Oct-16

Education

MASTER'S DEGREE IN REPRODUCTIVE BIOTECHNOLOGIES

Università degli Studi di Teramo – Italy

Final grade: 110/110 with honours

Oct-2015

BACHELOR'S DEGREE IN BIOTECHNOLOGY

Università degli Studi di L'Aquila – Italy

Final grade: 107/110

Dec-2012

DIPLOMA SCIENTIFICO

Liceo Scientifico M. Curie – Italy

Final grade: 87/100

Jul-2006

Language skills

Mother tongue: Italian

Other: English

Publications

The new ice age: the promise and challenges of rapid oocyte warming protocols.

Bartolacci A, Albertini DF. J Assist Reprod Genet. 2024

Delays in the final stages of fertilization are strongly associated with trichotomous cytokinesis and cleavage arrest.

Coticchio G, Marchio L, **Bartolacci A**, Cimadomo D, Zacà C, Lagalla C, Tarozzi N, Borini A, Rienzi L. J Assist Reprod Genet. 2024

Time will tell: time-lapse technology and artificial intelligence to set time cut-offs indicating embryo incompetence.

Coticchio G, **Bartolacci A**, Cimadomo V, Trio S, Innocenti F, Borini A, Vaiarelli A, Rienzi L, Ahlström A, Cimadomo D. Hum reprod. 2024

Assessing the developmental competence of oocytes matured following rescue in vitro maturation: a systematic review and meta-analysis.

Bartolacci A, Busnelli A, Pagliardini L, de Girolamo S, De Santis L, Esposito S, Alteri A, Levi Setti PE, Papaleo E. J Assist Reprod Genet. 2024

To Assess or Not to Assess: Reconsidering Day 3 Embryo Quality in Planned Freeze-All Blastocyst Cycles.

Bartolacci A, Marzanati D, Barbagallo MB, Solano Narduche L, D'Alessandro G, Esposito S, Vanni VS, Masciangelo R, Gentilini D, Papaleo E, Pagliardini L. J. Pers. Med. 2024.

Too many embryos: a critical perspective on a global challenge.

Bartolacci A, Dolci C, Pagliardini L, Papaleo E. J Assist Reprod Genet. 2024

The Task Matters: A Comprehensive Review and Proposed Literature Score of the Effects of Chemical and Physical Parameters on Embryo Developmental Competence.

Bartolacci A, Tondo F, Alteri A, Solano Narduche L, de Girolamo S, D'Alessandro G, Rabbellotti E, Papaleo E, Pagliardini L. Life. 2023

Humidified atmosphere applied to embryo culture in a time-lapse incubation system does not improve ongoing pregnancy rate: a retrospective propensity score model study derived from 496 first ICSI cycles.

Bartolacci A, Borini A, Cimadomo D, Fabozzi G, Maggiulli R, Lagalla C, Pignataro C, Dell'Aquila M, Parodi F, Patria G, Zacà C, Ubaldi FM, Rienzi L, Coticchio G. J Assist Reprod Genet. 2023.

Endometriosis affects the number of retrieved oocytes but not early embryonic development and live birth: a retrospective analysis of 716 IVF cycles.

Bartolacci A, Dell'Aquila M, Coticchio G, Intra G, Parodi F, Patria P, Zacà C, Andrea Borini A. Hum Fert. 2023.

Does morphological assessment predict oocyte developmental competence? A systematic review and proposed score

Bartolacci A, Intra G, Coticchio G, dell'Aquila M, Patria G, Borini A. J Assist Reprod Genet. 2022.

Early embryo morphokinetics is a better predictor of post-ICSI live birth than embryo morphology: speed is more important than beauty at the cleavage stage

Bartolacci A, Dal Canto M, Guglielmo MC, Mura L, Brigante C, Mignini Renzini M, Buratini J. Zygote. 2021

Faster fertilization and cleavage kinetics reflect competence to achieve a live birth after intracytoplasmic sperm injection, but this association fades with maternal age.

Dal Canto M, **Bartolacci A**, Turchi D, Pignataro D, Lain M, De Ponti E, Brigante C, Mignini Renzini M, Buratini J. Fertil Steril. 2021.

The first report of pregnancies following blastocyst automated vitrification in Europe.

Dal Canto M, Moutier C, Brambillasca F, Guglielmo MC, **Bartolacci A**, Fadini R, Renzini MM, Buratini J. J Gynecol Obstet Hum Reprod. 2019.

Maternal body mass index affects embryo morphokinetics: a time-lapse study.

Bartolacci A, Buratini J, Moutier C, Guglielmo MC, Novara PV, Brambillasca F, Renzini MM, Dal Canto M. J Assist Reprod Genet. 2019.

Seminal plasma of men with severe asthenozoospermia contain exosomes that affect spermatozoa motility and capacitation.

Murdica V, Giacomini E, Alteri A, **Bartolacci A**, Cermisoni GC, Zarovni N, Papaleo E, Montorsi F, Salonia A, Viganò P, Vago R. Fertil Steril. 2019.

Abnormal sperm concentration and motility as well as advanced paternal age compromise early embryonic development but not pregnancy outcomes: a retrospective study of 1266 ICSI cycles.

Bartolacci A, Pagliardini L, Makieva S, Salonia A, Papaleo E, Viganò P. J Assist Reprod Genet. 2018