

CURRICULUM VITAE

DIMITRA CHRISTOPIKOU

DATE OF BIRTH: [06/06/1976]

WORK EXPERIENCE-SKILLS

- [Oct.2002 – Sept. 2021] Embryogenesis, Private Centre for Subfertility and Reproduction Studies, Athens,Greece
Head of PGT Lab, full-time.
- Set-up PGT-A FISH, aCGH and NGS lab.
 - Lab manager for ISO15189 PGT-A,PGT-SR
 - Counselling of patients for the PGT procedure
 - Training personnel for hands-on wet lab procedures
 - Responsible for signing off reports
 - Implementation of new techniques and clinical research projects that extended the service provided by the clinic.
 - Writing papers and presenting in conferences (ESHRE, PGDIS, Royan Institute)
- 2022-2024 • Member of ESHRE PGT Steering Committee
- 2019 • Associate editor in Human Reproduction.
- 2017 • Reviewer in Human Reproduction, Fertility Sterility, JARG, Reproductive Biomedicine Online. Excellent contribution in peer review process during 2018 in Human Reproduction.

ACADEMIC PERFORMANCE

- [2018] 2018 ECLG, European Clinical Laboratory Geneticist
- [2013] Ph.D ‘The role of PGT-A in assisted reproductive technology, ART’
Medical Genetics Lab, Medical School of Athens University,Greece
- [2000] M.Sc, in Human Genetics and Immunology
School of Biosciences, Brunel University, UK
- BSc, in Genetics, Upper second-class honors degree (2i)
- [1999] Wales University, School of Biosciences,Cardiff,UK

PUBLICATIONS

Edith Coonen, Carmen Rubio Lluesa, Maria Maurer, Julia Gontar, **Dimitra Christopikou**, Francesca Spinella, Martine de Rycke. ESHRE PGT consortium best practice guideline for detection of structural, numerical and chromosomal aberrations (PGT-SR, PGT-A). Human Reproduction Open , 2020 May 29;2020(3).

Economou KA, **Christopikou D**, Tsorva E, Davies S, Mastrominas M, Cazlaris H, Koutsilieris M, Angelogianni P, Loutradis D. J. 2017 The combination of calcium

E-MAIL:[CHRISTOPIKOU@HOTMAIL.COM]
HOME ADDRESS:[25HS MARTIOU 28A, 15127,MELISSIA,ATHENS,GREECE]
HOME PHONE:[+302108051506] • MOBILE PHONE:[+306936530704]

ionophore A23187 and GM-CSF can safely salvage aged human unfertilized oocytes after ICSI. *Assist Reprod Genet*;34(1):33-41.

Christopikou D, Handyside AH. 2013. Questions about the accuracy of polar body analysis for preimplantation genetic screening. *Hum Reprod.*;28(6):1732-3.

Christopikou D, Tsorva E, Economou K, Shelley P, Davies S, Mastrominas M, Handyside AH 2013. Polar body analysis by array comparative genomic hybridization accurately predicts aneuploidies of maternal meiotic origin in cleavage stage embryos of women of advanced maternal age. *Hum Reprod.*;28(5):1426-34.

Ioannou D, Meershoek EJ, **Christopikou D**, Ellis M, Thornhill AR, Griffin DK. 2011. Nuclear organisation of sperm remains remarkably unaffected in the presence of defective spermatogenesis. *Chromosome Res.* 19(6):741-53.

Christopikou D, Karamalegos C, Doriza S, Argyrou M, Sisi P, Davies S, Mastrominas M. 2010. Spindle and chromosome configurations of human oocytes matured in vitro in two different culture media. *Reprod Biomed Online.* 20(5):639-48.

Tempest HG, Homa ST, Dalakiouridou M, **Christopikou D**, Wright D, Zhai XP, Griffin DK. The association between male infertility and sperm disomy: evidence for variation in disomy levels among individuals and a correlation between particular semen parameters and disomy of specific chromosome pairs. 2004. *Reprod Biol Endocrinol.* 14;2:82.

Oral Présentations

Best Oral presentation in November 2016, Athens, 20th National Conference SIGE. **Christopikou, D.** Title :Distribution and clinical importance of *de novo* structural chromosome abnormalities in polar bodies and embryos cultured in vitro after preimplantation genetic testing with arrayCGH technique.

Christopikou D., Tsorva E., Vogiatzi P., Economou K., Davies S., Papanikopoulos C., Pachidakis T., Koufomichail B., Mastrominas M. Embryonic aneuploidy rates in natural and stimulated IVF cycles do not differ within the same cohort of patients: an interim analysis. PGDIS Annual Meeting 2015. Chicago, USA.

S. Davies **D. Christopikou**, E. Tsorva, T. Karagianni, A.H. Handyside, M. Mastrominas. Maternal age and not patient history is the main indication for preimplantation genetic screening for aneuploidy and correlates with morphokinetic time lapse analysis. ESHRE Annual Meeting 2013.

Christopikou Dimitra, Invited oral communication-Polar Body analysis by arrayCGH and follow up at cleavage stages. PGDIS 2012 'Where to next for PGD? From polar body to blastocyst -Bregenz, Austria May 16th-19th, 2012

Davies, S, **Christopikou, D**, Tsorva, E, Karagianni, T, Handyside, AH, and Mastrominas, M Delayed cleavage divisions and a prolonged transition between 2- and 4-cell stages in embryos identified as aneuploid at the 8-cell stage by array CGH. ESHRE Annual Meeting 2012. Instabul, Turkey **Clinical Award for Oral presentation.**

Christopikou Dimitra, Invited oral communication-Polar Body analysis by arrayCGH and follow up at cleavage stages. PGDIS 2012 'Where to next for PGD? From polar body to blastocyst -Bregenz, Austria May 16th-19th, 2012.

Christopikou, D, Tsorva E, Konstantinos Economou, Stephen Davies, Minas Mastrominas, Alan Handyside. Unbalanced segregation of the normal and derivative chromosomes in the first meiotic division balanced by reverse gain and loss in the second division in a maternal reciprocal translocation carrier. Alpha 2012-9th Biennial Conference-London, UK

D. Christopikou, C. Karamalegos, E Tsorva., K.A Economou., M. Argyrou, S. Doriza, P. Sissi, N. Moschopoulou M, Karagianni A., Davies S, Mastrominas M. Spindle and chromosome configurations of human oocytes matured in vitro in two different culture media. Royan International Twin Congress on Reproductive Biomedicine and Stem Cells Biology & Technology, 2011, Tehran, Iran.

D. Christopikou, E. Tsorva, A. Garantzioti, M. Argyrou, M. Moschopoulou, A. Karagianni and others. 2010. Reanalysis of day 5 embryos following preimplantation genetic screening (PGS) for chromosomal abnormalities by fluorescence in situ hybridization on a single blastomere among different indication groups. PGDIS Annual Meeting 2010. Montpellier, France.

D. Christopikou, Tsorva. E, Garantzioti A., M. Argyrou, S. Doriza, P. Sissi, N. Moschopoulou M, Karagianni A., Economou K., Mentorou C., S. Davies, M. Mastrominas. Reanalysis of day 5 embryos following preimplantation genetic screening (PGS) for chromosomal abnormalities by FISH on a single blastomere among different indication groups. Annual International Symposium on PGD, 2010, Montpellier.

D. Christopikou, Tsorva. E, M. Argyrou, S. Doriza, P. Sissi, N. Polidoropoulos, C. Papanikopoulos, P. Stefanis C. Karamalegos, S. Davies, M. Mastrominas. DNA fragmentation and aneuploidy rates in the sperm of infertile men before and after density gradient centrifugation (DGC). 8TH International Symposium on PGD, Barcelona, 23-26 April, 2008

D. Christopikou, C. Karamalegos S. Lyrakou, M. Argyrou, S. Doriza, P. Sissi, D. Mantas, S. Davies, M. Mastrominas. Spindle morphology and location in human in vitro matured oocytes. Embryogenesis Assisted Reproduction Unit, 60 Kifisias, 15125, Greece. Annual Meeting of European Society of Human Reproduction (ESHRE) Copenhagen, June 2005.

REFERENCES-COULD BE GIVEN UPON REQUEST

LANGUAGE SKILLS

Greek-native speaker, Fluency in English-. Undertook under-post graduate studies in UK, Profeciency and IELTS diploma]

IT SKILLS

[Microsoft Windows, Excel,Powerpoint]

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