

IOANNA MASTROMINA

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HYGEIA IVF EMBRYOGENESIS

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PROFILE

Having extensively studied mammalian development at the research level, I now work as a fully trained Clinical Embryologist in one of the largest IVF Clinics in Athens. My aspiration is to help patients by using state of the art technologies, whilst also delivering personalised treatments. Key to our success is the anthropocentric character of our clinic. I pursue to further this by participating in talks and seminars discussing fertility, enhancing the knowledge and accessibility to information of such matters to the lay public.

PROFESSIONAL SKILLS

Project Management

Trainee Supervision

Analytical Skills

Data interpretation

Able to act independently & to
cooperate within a team

Enhanced communication skills

Social Media for Business
promotion

Advanced Writing skills both for
Scientific Journals and for lay
audience magazines

Design of Marketing Strategy

Budget Management

Grant Applications

EMPLOYMENT

SENIOR CLINICAL EMBRYOLOGIST

HYGEIA IVF EMBRYOGENESIS, Athens Greece 2022 -
present

CLINICAL EMBRYOLOGIST

EMBRYOGENESIS IVF, Athens Greece 2018 - present

-Performing all techniques involved in an IVF lab

[egg collection, sperm analysis & processing,
cryopreservation of sperm, vitrification of eggs & embryos, ICSI, time-
lapse monitoring of embryo development]

-Liaison for International Patients

-Patient counselling (IVF/ Fertility Preservation)

-Involved in marketing strategy & in the design of marketing
material (website, business brochures)

RESEARCH ASSISTANT

The University of Dundee, UK, Aug 2017 – Dec 2017

-Supervision of undergraduate students

-Preparation of Scientific Manuscript for Submission

TECHNICAL SKILLS

Software competent with both PC and Mac OS

Statistical Analysis

Embryology

Andrology

Confocal Microscopy

Molecular Biology

Genetics

Languages:

-English (Proficient)

-Greek (Native)

-German (Basic)

CERTIFICATIONS

ESHRE Certificate in Clinical Embryology (2022)

AWARDS

Cancer Research UK funded PhD project (2013-17)

The Company of Biologists Travel Grant (2016)

REFERENCES

Available upon request

EDUCATION

Doctor of Philosophy (PhD)

Division of Cell and Developmental Biology, School of Life Sciences, University of Dundee, UK (2013-17)

-Key Achievements:

Published research findings in a High Impact Factor Scientific Journal

-Successfully Supervised 3 Undergraduate Hons Projects, one of which was awarded as "Best Undergraduate Thesis" (2016)

Master of Research (MRes)

Distinction

Department of Cell and Developmental Biology, University College London, UK (2011-2012)

Bachelor of Science

2:1

Department of Biology, University of Patras (2005-2010)

PUBLICATIONS

"The performance of a morphokinetic algorithm for the prediction of embryo ploidy status" (2023) Oral presentation, Exploring New Horizons in Fertility Care, IFFS Conference, Athens, Greece

"The Role of mitochondrial function in egg quality" (2019). Oral presentation; Recent Developments in the Diagnosis and Treatment of Infertility, Medical School, University of Athens

"From one cell to the Human organism: The precious gift of Life" (2019). Oral presentation; "Cellular", Art & Biology Exhibition, Herakleidon Museum, Athens

I.Mastromina, L. Verrier, J.C. Silva, K. G.Storey , J.K. Dale (2018) Myc activity is required for maintenance of the neuromesodermal progenitor signalling network and for segmentation clock gene oscillations in mouse. Development, doi 10.1242/dev.161091.

M. Stasiulewicz, S. Gray, **I. Mastromina**, J.C. Silva, M. Bjorklund, P. Seymour, D. Booth, C. Thompson, R. Green, E.. Hall, P. Serup, J. K. Dale (2015) A conserved role for Notch in priming the cellular response to Shh through ciliary localisation of the key Shh transducer, Smoothed. Development, doi: 10.1242/dev.125237