

CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY
CYPRUS ACCREDITATION BODY



ACCREDITATION CERTIFICATE no. *L125*

The Board of Governors
of the Cyprus Organization for the Promotion of Quality,
the National Accreditation Body,
in accordance with the Article 7 of the Law 156(I)/2002

GRANDS ACCREDITATION to
the laboratory of
GENESIS CENTRE FOR FERTILITY &
HUMAN PRE-IMPLANTATION GENETICS
in Limassol

The above Laboratory was assessed according to the Accreditation Criteria for Medical Laboratories, as defined in the Standard

CYS EN ISO 15189:2012

and was found technically competent to carry out the **Tests** included in the Scope of Accreditation which is described in the **Annex** to this Certificate as an **integrated part of it. The Scope of Accreditation** can change only after approval from the Cyprus Accreditation Body.

Cyprus Accreditation Body is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) in the above-mentioned field.

The current Accreditation Certificate, no. ***L125***, is issued on the **6th December 2023** and is valid until the **25th October 2026**.

Accreditation was awarded for the first time on **October 26th 2022**


Antonis Ioannou
Director

Date: **6 December 2023**

This laboratory is accredited in accordance with the recognised International Standard ISO 15189:2012. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management System (ISO-ILAC-IAF Communiqué, September 2015).



Annex to the Accreditation Certificate no. L125

SCOPE OF ACCREDITATION for the Laboratory of GENESIS CENTRE FOR FERTILITY & HUMAN PRE-IMPLANTATION GENETICS

Valid from **26 of October 2022** to **25 of October 2026**

*Valid from **6 of December 2023** to **25 of October 2026**

Materials /Products tested	Types of test/ Properties measured	Applied methods/ Techniques used
Semen	1. Semen assessment (count, motility, morphology, progression and volume) - MET01 2. Semen preparation – MET02 3. Semen cryopreservation and thawing MET13	<ul style="list-style-type: none"> •World Health Organization, 2010. 6th edition Who Laboratory Manual for the examination of Human Semen and Sperm-Cervical Mucus Interaction. •E.V. Younglai, D. Holt, P. Brown, A Jurisicova & R.F. Casper, 2001. Sperm swim-up techniques and DNA Sperm fragmentation, Human Reproduction, 16(9), pp 1950-1953. •Elder K. & Dale B., 2010. In Vitro Fertilization, Textbook, Cambridge University Press, 3rd edition.
Oocytes (Eggs) / Embryos	4. Embryo and Oocyte (Egg) culture and assessment (morphology, maturity, quality, fertilization) MET06 and MET09	<ul style="list-style-type: none"> •Gardner K.D., Weissman A., Howles C.M., Shoham Z., 2004. Textbook of Assisted Reproductive Techniques, 2nd edition •Gadner DK and Schoolcraft WB, 1999. In Vitro culture of human blastocysts, Parthenon Publishing London; pp 378-388.
	5. Embryo and Oocyte (Egg) cryopreservation/freezing (by vitrification) and thawing MET12	<ul style="list-style-type: none"> •Kuwayama M., 2007. Highly efficient vitrification for cryopreservation of human oocytes and embryos: The CryoTop method. Theriogenology 67, pp. 73-80.
	6. Embryo Biopsy for PGT MET15*	<ul style="list-style-type: none"> •Naaki Aoyama and Keiichi Kato, 2020. Trophectoderm biopsy for preimplantation genetic test and technical tips: A review, Reprod Med Biol. 19(3): 222–231.
Oocytes (Eggs)	7. Oocyte (Egg) Retrieval MET05 8. Oocyte Denudation MET06 9. ICSI procedure MET08	<ul style="list-style-type: none"> •Gardner K.D., Weissman A., Howles C.M., Shoham Z., 2004. Textbook of Assisted Reproductive Techniques, 2nd edition. •Elder K. & Dale B., 2010. In Vitro Fertilization, Textbook, Cambridge University Press, 3rd edition. •Gardner K.D., Weissman A., Howles C.M., Shoham Z., 2004. Textbook of Assisted Reproductive Techniques, 2nd edition.
	10. Assisted Hatching	<ul style="list-style-type: none"> •Elder K. & Dale B., 2010. In Vitro Fertilization,

Materials /Products tested	Types of test/ Properties measured	Applied methods/ Techniques used
Embryos	MET14 11. Embryo Transfer MET10	Textbook, Cambridge University Press, 3 rd edition. •Steer C., Mills C., Tan S, Cambell S., Edward R., 1992. The cumulative embryo score: a predictive embryo scoring technique to select the optimal number of embryos to transfer in an <i>in vitro fertilisation</i> and embryo transfer programme. Hum. Reprod., 7, pp117-119.

Authorized person to sign test reports is Dr. Koundouros Savvas

General Remarks

This Annex refers **only to tests** carried out **in the premises of the Laboratory**, Address: 45 Thessalonikis Street, Limassol, 3025 Cyprus.

Antonis Ioannou
Director

Date: **6 December 2023**

