

# HOPE RESEARCH CENTER



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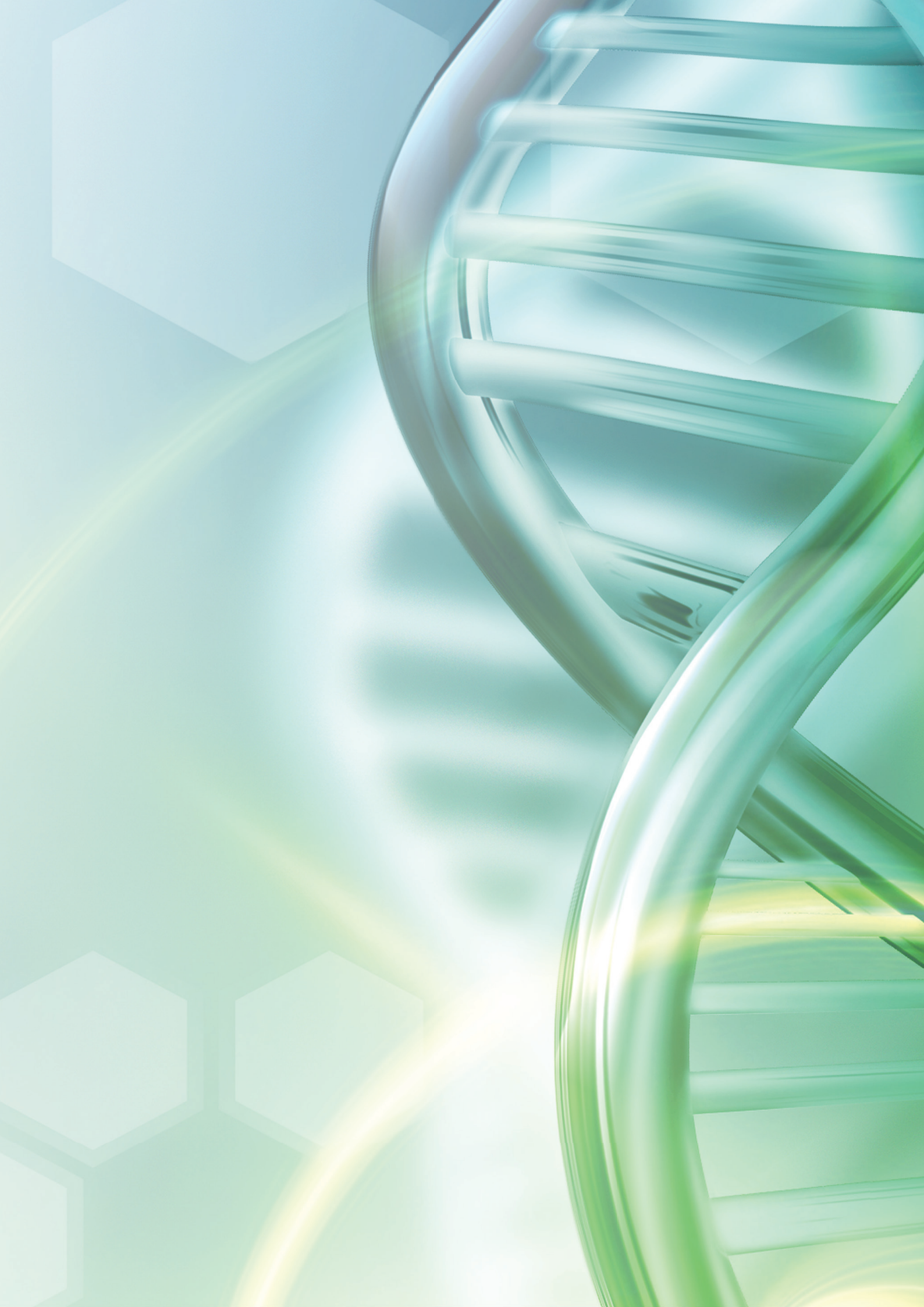
# ANNUAL REPORT 2023

HOPE RESEARCH CENTER













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# HOPE Research Center INTRODUCTION

HOPE Joint Stock Company (HOPE JSC) was established in 2008. HOPE's owners are mostly health professionals, who are IVF pioneers and leading gynecologists in Viet Nam.

My Duc Hospital Group is a group of academic hospitals that belongs to HOPE JSC.

IVFMD Group, a business unit of HOPE SJC, operates 9 IVF centers in Viet Nam. Major IVFMD centers are located at My Duc Hospitals. IVFMD is the largest IVF group in ASEAN, leading in IVF research and training activities.

HOPE Research Center (HRC), a department of My Duc Hospital created in 2018, focuses on reproductive medicine clinical research.

## VISION

To be a leading clinical research center in Asia in Reproductive Medicine.

## MISSION

To be innovative and to facilitate the integration of evidence-based medicine in clinical practice.

## VALUES

Honesty  
Professionalism  
Dedication to patients.

## WEBSITE

<http://hoperesearchcenter.vn/>

## MAIN ACTIVITIES

Conduct clinical studies in the area of reproductive medicine and related issues.

Apply evidence-based medicine to improve patients' care.

Disseminate new knowledge in reproductive medicine, particularly in Asia.

Increase opportunities and skill base for the staff in research.

## RESEARCH PRIORITY AREAS

Reproductive medicine: main research field.

Other issues in Obstetrics and Gynaecology.



# MAJOR RESEARCH AREAS

## LARGE RANDOMIZED CLINICAL TRIALS

### Assisted Reproductive Technologies

♦ *The effectiveness and safety of natural cycle, modified natural cycle and artificial cycle for endometrial preparation for frozen embryo transfer: Submitted manuscript*



#### OBJECTIVE

To compare the effectiveness and safety of the three protocols for endometrial preparation before frozen-thawed embryo transfer, including natural cycle, modified natural cycle and artificial cycle.



#### STUDY DESIGN, SIZE

This randomized, open-label, and multi-center trial aims to compare the effectiveness and safety of three endometrial preparation protocols for frozen embryo transfer (natural, modified natural, and artificial cycles) in infertile couples who underwent IVF/ICSI. A total of 1428 patients will be randomly allocated to natural cycle group, modified natural cycle group, and artificial cycle group. The trial was registered in ClinicalTrials.gov, NCT04804020.



#### COLLABORATION

- Professor Robert J Norman (University of Adelaide)
- Professor Ben W Mol (Monash University)
- Dr. Rui Wang (Monash University)

♦ *Effectiveness of swim-up versus gradient density for sperm preparation on the outcomes of intrauterine insemination: A randomized controlled trial: Preparing manuscript*



#### OBJECTIVE

To compare the effectiveness, in terms of live birth rate, of two different sperm preparation techniques, swim up (SU) and Density gradient (DG), for intrauterine insemination (IUI).



#### STUDY DESIGN, SIZE

This randomized, single-blind, controlled, and multi-centre trial aims to compare the effectiveness, in terms of live birth rate, of two different sperm preparation techniques for IUI, SU and DG. A total of 912 patients will be randomly allocated to SU and DG groups. The trial was registered in ClinicalTrials.gov, NCT04477356.

♦ *The effectiveness and safety of artificial oocyte activation with calcium ionophore in low prognosis women classified as poseidon group 4: a randomized clinical trial: Recruiting*



#### OBJECTIVE

To compare the effectiveness between AOA and non-AOA in low prognosis patients by the POSEIDON criteria group 4 undergoing in vitro fertilization treatment.



#### STUDY DESIGN, SIZE

This is a randomized controlled clinical trial (RCT) study, conducted at IVFMD, My Duc Hospital aims to evaluate the effectiveness and safety of AOA on treatment outcomes in low prognosis patients, especially in group 4 defined by the POSEIDON criteria (2016). A total of 528 patients will be randomly allocated to AOA cycle group, non-AOA. The trial was registered in ClinicalTrials.gov, NCT05402605.

## Obstetrics & Gynecology: premature birth

♦ *Cervical pessary vs cervical cerclage with or without vaginal progesterone for preterm prevention in twin pregnancies and a short cervix: Submitted manuscript*



#### OBJECTIVE

To compare the effectiveness of cervical pessary and cervical cerclage with or without vaginal progesterone to prevent PTB in women with twin pregnancies and a cervical length (CL)  $\leq 28$  mm.



#### STUDY DESIGN, SIZE

This multicentre, randomised clinical trial will be conducted at My Duc Hospital and My Duc Phu Nhuan Hospital, Vietnam. Asymptomatic women with twin pregnancies and a CL  $\leq 28$  mm, measured at 16-22 weeks' gestation, will be randomised in a 1:1:1:1 ratio to receive a cerclage, pessary, cerclage plus progesterone or pessary plus progesterone. A sample size of 340 women will be required to show or refute that cervical cerclage decreases the rate of PTB  $< 34$  weeks by 50% compared with pessary (from 24.2% to 12.1%,  $\alpha$  level 0.05, power 80%, 5% lost to follow-up and protocol deviation). The trial was registered in ClinicalTrials.gov, NCT03863613.

- Protocol: published in BMJ Open. Dang VQ, He YT, Pham HN, Trieu TT, Bui TQ, Vuong NT, Nguyen LM, Nguyen DT, Le TV, Li W, Le CH, Mol BW, Vuong LN. Effectiveness of cervical pessary compared to cervical cerclage with or without vaginal progesterone for the prevention of preterm birth in women with twin pregnancies and a short cervix: study protocol for a two-by-two factorial randomised clinical trial. BMJ Open. 2020 Jun 16;10(6):e036587. DOI: 10.1136/bmjopen-2019-036587.

Open access

Protocol

### BMJ Open Effectiveness of cervical pessary compared to cervical cerclage with or without vaginal progesterone for the prevention of preterm birth in women with twin pregnancies and a short cervix: study protocol for a two-by-two factorial randomised clinical trial

Vinh Q Dang<sup>1,2</sup>, Yen TN He<sup>2,3</sup>, Ha NH Pham<sup>1</sup>, Tuyen TT Trieu<sup>3</sup>, Trung Q Bui<sup>1</sup>,  
Nhu T Vuong<sup>1</sup>, Loc MT Nguyen<sup>2</sup>, Diem TN Nguyen<sup>2</sup>, Thanh V Le<sup>1</sup>, Wentao Li<sup>4</sup>,  
Cam H Le<sup>3</sup>, Ben W Mol<sup>4</sup>, Lan N Vuong<sup>5</sup>



#### COLLABORATION

- Professor Ben W Mol (Monash University)
- Dr. Wentao Li (Monash University)

♦ *The effectiveness of cervical pessary versus vaginal progesterone for the prevention of preterm birth in women with singleton pregnancies and short cervix: a multicenter randomized controlled trial: Preparing Manuscript*



#### OBJECTIVE

To compare the effectiveness of cervical pessary to vaginal progesterone for prevention of PTB in women with singleton pregnancies and a cervix  $\leq 25$  mm.



#### STUDY DESIGN, SIZE

This multicentre, randomised clinical trial will be conducted at My Duc Hospital, My Duc Phu Nhuan Hospital, Quang Ninh Obstetrics And Pediatrics Hospital, Vietnam. Asymptomatic women with singleton pregnancies and a CL  $\leq 25$  mm, measured at 16-22 weeks' gestation, will be randomised to either pessary or progesterone in a 1:1 ratio with a variable block size of 2, 4 or 6. A sample size of 804 women will be required to show or refute that cervical cerclage decreases the rate of PTB  $< 37$  weeks by 38% compared with pessary ( $\alpha$  level 0.05, power 80%, 5% lost to follow-up and protocol deviation). The trial was registered in ClinicalTrials.gov, NCT04300322.



#### COLLABORATION

- Professor Ben W Mol (Monash University)

## IN-VITRO MATURATION OF HUMAN OOCYTE

HRC is a leading research group in In-vitro Maturation of human oocytes (IVM). We have been working in an international group to develop the new IVM protocol in human called "CAPA-IVM".

♦ *The Efficiency of Non-FSH versus FSH priming in CAPA-IVM cycles: a randomized clinical trial: Final data collection*



#### OBJECTIVE

To compare the effectiveness between non-FSH versus FSH priming prior to CAPA-IVM treatment.



#### STUDY DESIGN, SIZE

This randomized controlled trial aims to compare the effectiveness between non-FSH versus FSH priming prior to CAPA-IVM treatment. A total of 120 patients will be randomly assigned (1:1) to either non-FSH nor FSH priming. The trial was registered in ClinicalTrials.gov, NCT05600972.



## OUR PUBLICATIONS RELATED TO IVM IN 2023

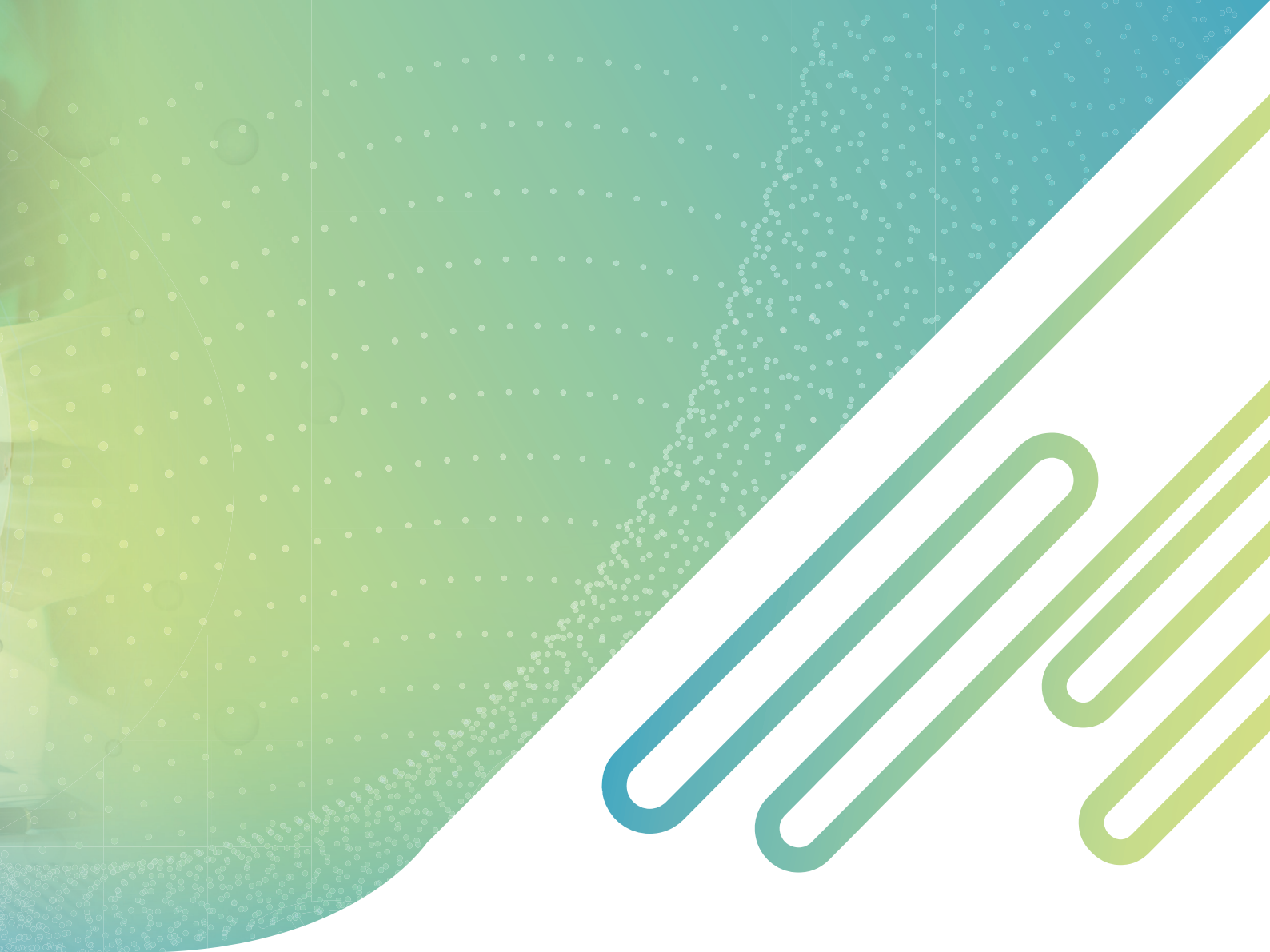
- **Lan N. Vuong, Toan D. Pham, Tuong M. Ho, Michel De Vos.** Outcomes of clinical IVM programs for treating infertility in hyperresponders: a systematic review. **Fertility and Sterility** 2023; 117(4): 675 – 681. <https://doi.org/10.1016/j.fertnstert.2023.01.046>.
- **Huy H. Pham, Anh H. Le, Anh M. Nguyen, Uyen D. Ha, Tri C. Nguyen, Toan D. Pham, Ho L. Le, Tien K. Le, Bao G. Huynh, Tuong M. Ho, Lan N. Vuong.** Cumulative live birth rate after oocyte in vitro maturation with a pre-maturation step in women with polycystic ovary syndrome or high antral follicle count. **Journal of Assisted Reproduction and Genetics** 2023. 40(4):827-835. <https://doi.org/10.1007/s10815-023-02752-9>.
- **Laura Saucedo-Cuevasa, Mai PQ Ma, Anh H Le, Nazli Akin, Toan D Pham, Tuong M Ho, Guillermo Pita, Anna Gonzalez-Neirad, Michel De Vos, Johan Smitza, Ellen Anckaert and Lan N Vuong.** Epigenetic variation in neonatal tissues in infants conceived using capacitation-in vitro maturation versus in vitro fertilization. **Fertility and Sterility** 2023. : <https://doi.org/10.1016/j.fertnstert.2023.11.040>.
- **Robert B. Gilchrist, Tuong M. Ho, Michel De Vos, Flor Sanchez, Sergio Romero, William L. Ledger, Ellen Anckaert, Lan N. Vuong, and Johan Smitz.** A fresh start for IVM: capacitating the oocyte for development using pre-IVM. **Human Reproduction Update** 2023. <https://doi.org/10.1093/humupd/dmad023>

Our collaboration with VUB (Belgium) in human IVM has been supported by a joint FWO Flanders (Belgium) – NAFOSTED (National foundation for Science & Technology Development, Viet Nam).





# INTERNATIONAL COLLABORATIONS

- 
- **Professor. Robert J Norman**  
(The University of Adelaide, Australia)
  - **Professor. Ben W Mol**  
(Monash University, Australia)
  - **Professor. Catherine Racowsky**  
(Harvard Medical School, USA)
  - **Professor. Christos Coutifaris**  
(The University of Pennsylvania, USA)
  - **Professor. Kurt T Barnhart**  
(The University of Pennsylvania, USA)
  - **Professor. Johan Smitz**  
(Free University of Brussels – VUB, Belgium)
  - **Professor. Claus Yding Andersen**  
(Copenhagen University, Denmark)
  - **Dr. Rui Wang**  
(Monash University, Australia)
  - **Dr. Wentao Li**  
(Monash University, Australia)
  - **Assistant Professor – Engineering. Thi Hoang Ngan Le**  
(University of Arkansas, USA)
  - **Dr. Ali Abbara**  
(Imperial College London, United Kingdom)





# LIST OF PUBLICATIONS IN 2023

- 01.** Tien-Phat Nguyen, Trong-Thang Pham, **Tri Nguyen**, Hieu Le, **Dung Nguyen**, Hau Lam, Phong Nguyen, Jennifer Fowler, Minh-Triet Tran, Ngan Le. EmbryosFormer: Deformable Transformer and Collaborative Encoding-Decoding for Embryos Stage Development Classification. **2023 IEEE/CVF Winter Conference on Applications of Computer Vision (WACV)**. DOI:10.1109/WACV56688.2023.00202 (h5-index: 76)
- 02.** Lan N. Vuong, Toan D. Pham, Tuong M. Ho, Michel De Vos. Outcomes of clinical IVM programs for treating infertility in hyperresponders: a systematic review. **Fertility and Sterility** 2023; 117(4): 675 – 681. DOI:10.1016/2.j.fertnstert.2023.01.046 (IF 7.49)
- 03.** Krystle Y Chong, Sarah Solangon, Kurt Barnhart, Pamela Causa-Andrieu, Perrine Capma, George Condous, Liesl de Waard, James Mn Duffy, Andrew W Horne, Maria Memtsa, Femke Mol, Munira Oza, Romina Pesce, Annika Strandell, Madelon van Wely, Janneke van 't Hooft, **Lan N Vuong**, Jian Zhang, Davor Jurkovic, Ben W Mol; International Collaboration on Core Outcomes in Ectopic Pregnancy. A core outcome set for future research in ectopic pregnancy - an international consensus development study. **Fertility and Sterility** 2023. 119(5):804 – 812. DOI:10.1016/j.fertnstert.2023.01.042 (IF 7.49)



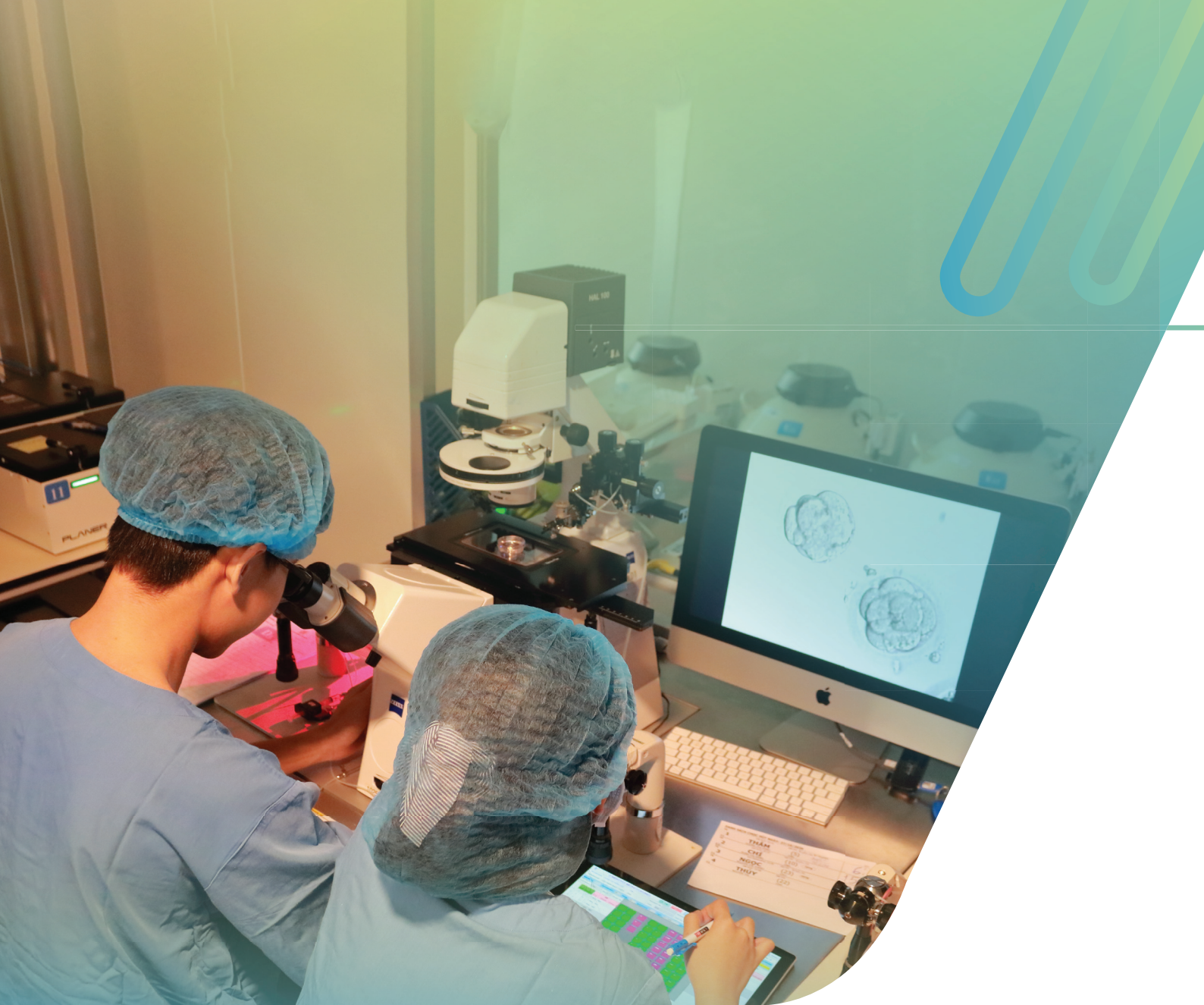
04. Ali Abbara, Maria Phylactou, Pei Chia Eng, Sophie A Clarke, **Toan D Pham, Tuong M Ho**, Kah Yan Ng, Edouard G Mills, Kate Purugganan, Tia Hunjan, Rehan Salim, Alexander N Comninou, **Lan N Vuong**, Waljit S Dhillon. Endocrine responses to Triptorelin in healthy women, women with polycystic ovary syndrome, and women with hypothalamic amenorrhea. **The Journal of Clinical Endocrinology & Metabolism** 2023. 108(7):1666-1675. DOI:10.1210/clinem/dgad026 (IF 6.134)
05. Huy H. Pham, Anh H. Le, Anh M. Nguyen, Uyen D. Ha, Tri C. Nguyen, **Toan D. Pham, Ho L. Le, Tien K. Le, Bao G. Huynh, Tuong M. Ho, Lan N. Vuong**. Cumulative live birth rate after oocyte in vitro maturation with a pre-maturation step in women with polycystic ovary syndrome or high antral follicle count. **Journal of Assisted Reproduction and Genetics** 2023. 40(4):827-835. DOI:10.1007/s10815-023-02752-9 (IF 3.1)
06. Van T T Tran, Nghia A Nguyen, Nam T Nguyen, Thu T M Vo, Truong S Uong, Hau T Nguyen, Ngan T Nguyen, **Toan D Pham, Minh H N Nguyen, Lan N Vuong, Ben W Mol, Vinh Q Dang**. Development of children born to women with twin pregnancies treated with cervical pessary or vaginal progesterone: follow-up of a randomized controlled trial. **Acta Obstetrica et Gynecologica Scandinavica** 2023. 102(5):626-634. DOI:10.1111/aogs.14545. (IF 4.544)



07. Chii-Ruey Tzeng, Zhongwei Huang, Yoshimasa Asada, Cuilian Zhang, **Manh Tuong Ho**, Raymond Hang Wun Li, Ji Hyang Kim, Mirudhubashini Govindarajan, Teraporn Vuyavanich, Ivan Sini, Pak Seng Wong, Surinder Singh, Wan-Yu Lin, Nguyen Tuong Ho. Factors affecting the distribution of serum anti-müllerian hormone levels among infertile Asian women: a multi-nation, multi-centre, and multi-ethnicity prospective cohort study. **Human Reproduction** 2023. 38(7):1368-1378. DOI:10.1093/humrep/dead081 (IF 6.1)
08. Ana Raquel Neves, Sandra Garcia, **Lan TN Vuong**, Christophe Blockeel, Gemma Arroyo, Claudia Spits, **Toan D Pham**, **Tuong M Ho**, Herman Tournaye, Nikolaos P Polyzos. Association between sequence variants in the FSHR gene and reproductive outcomes following IVF in predicted normoresponders. **Reproductive BioMedicine Online** 2023. 46(5):826 – 834. DOI:10.1016/j.rbmo.2023.01.013 (IF 4.0)
09. Van TT Tran, Luong D Ly, Minh H N Nguyen, Toan D Pham, Loc TH Tran, Mai TN Tran, Vu NA Ho, Nam T Nguyen, Hieu LT Hoang, **Lan N Vuong**. Thyroid Peroxidase Antibodies in Infertile Women with Polycystic Ovary Syndrome. **Reproductive Sciences** 2023. 30(10):3071-3076. DOI: 10.1007/s43032-023-01261-5. (IF 2. 924)
10. Van TT Tran, Vu NA Ho, Toan D Pham, Nam T Nguyen, Hieu LT Hoang, Duy L Nguyen, **Tuong M Ho**, **Lan N Vuong**. Pregnancy outcomes in secondary infertility for women with versus without caesarean scar defect . **Fertility & Reproduction (FANDR)** 2023. 5(3):155-162 DOI:10.1142/S2661318223500159
11. Elizabeth Cutting, Fabrizio Horta, **Vinh Dang**, Minouche ME van Rumste, Ben Willem J Mol. I Intracytoplasmic sperm injection versus conventional in vitro fertilisation in couples with males presenting with normal total sperm count and motility. **Cochrane Library** Issue 8, 2023. DOI:10.1002/14651858.CD001301.pub2 (IF 12.008)
12. Robert B. Gilchrist, **Tuong M. Ho**, Michel De Vos, Flor Sanchez, Sergio Romero, William L. Ledger, Ellen Anckaert, **Lan N. Vuong**, and Johan Smits. A fresh start for IVM: capacitating the oocyte for development using pre-IVM. **Human Reproduction Update** 2023. DOI:10.1093/humupd/dmad023 (IF 13.3)

13. Tien K. Le, Xuyen H. Le, Duy L. Nguyen, Anh L. Vu, Lan N. Vuong. Progestin-Primed Ovarian Stimulation Versus GnRH Antagonist Protocol for Ovarian Stimulation in IVF: A Prospective Pilot Study. *Fertility & Reproduction* 2023. DOI:doi.org/10.1142/S2661318224500038
14. Ho, MT and Vuong, NL (2023). Use of in vitro maturation of oocytes in clinical setting - What Is Its Role in ART? In Gardner, D.K., Weissman, A., Howles, C.M., & Shoham, Z. (Eds.), *Textbook of Assisted Reproductive Techniques* (6th ed., Volume 1, pp. 111-119). CRC Press
15. Nga Do, Minh Nguyen, Tri Nguyen, Bao Huynh, Tuong Ho. The impact of employees' perceptions of a learning organization on innovativeness in a healthcare organization. Proceedings of the 4th Asia Pacific Conference on Industrial Engineering and Operations Management Ho Chi Minh City, Vietnam, September 12-14,2023. *IEOM Society international*. DOI:10.46254/AP04.20230251
16. Laura Saucedo-Cuevas, Mai PQ Ma, Anh H Le, Nazli Akin, Toan D Pham, Tuong M Ho, Guillermo Pita, Anna Gonzalez-Neira, Michel De Vos, Johan Smits, Ellen Anckaert, Lan N Vuong. Epigenetic variation in neonatal tissues in infants conceived using capacitation-in vitro maturation versus in vitro fertilization. *Fertility and Sterility* 2023. S0015-0282(23)02067-8. DOI: 10.1016/j.fertnstert.2023.11.040. (IF 7.49)
17. Duy L Nguyen, Hieu LT Hoang, Vu NA Ho, Toan D Pham, Nam T Nguyen, Van TT Tran, Tuong M Ho, Lan N Vuong. Predictors of twin pregnancy in in vitro fertilization with intracytoplasmic sperm injection cycles with day 3 double embryo transfer. *Clinical and Experimental Reproductive Medicine* 2023. DOI: 10.5653/cerm.2023.06156. (IF 1.8)





# PRESENTATIONS IN INTERNATIONAL CONFERENCES/ WEBINAR/ WORKSHOP

# INTERNATIONAL CONFERENCES

- *PSRM 2023 - IVM Workshop - 12 March 2023 - Sydney - Australia*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Practical aspects of IVM	Dr. Tuong M Ho	Invited Speaker

- *PGDIS 2023 - 20th International Conference On Preimplantation Genetics - 17-19 April 2023 - Paris, France*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Case Report: Preimplantation Genetic Testing for Carnitine-acylcarnitine translocase (CACT) deficiency cause by homozygous mutation in the SLC25A20 gene	Ms. Tram B Nguyen	Poster presentation

- *ART Focus 2023 - Current Controversy And Future Trends - 26-28 May 2023 - Ho Chi Minh, Viet Nam*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Transfer strategy: Approaches to optimize outcomes	Dr. Tuong M Ho	Invited speaker

- *The 39th Annual Meeting of ESHRE 2023 - 25-28 June 2023 - Copenhagen, Denmark*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Comparison of morphokinetic parameters of embryos generated from capacitation In-vitro maturation and controlled ovarian stimulation - ICSI	<b>Phuong TB Le</b> , Trang TH Dang, Trinh TT Nguyen, Thanh HL Tran, Tri C Nguyen, Toan D Pham, Anh H Le, Lan TN Vuong	Poster presentation

- *Asia Pacific Congress in Maternal Fetal Medicine (APCMFM) 2023 – 17 – 18 August 2023 – Ho Chi Minh City – Viet Nam*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	The coexistence of Turner and Fraser syndrome: a case report	<b>Minh D Thai</b> , Nhu T Vuong, My T Le, Hieu D Bui, Tuong M Ho, Lan N Vuong	Poster presentation

- *The 12th congress of the Asia Pacific Initiative on Reproduction (ASPIRE 2023) – 7- 10 September 2023 – Adelaide, Australia*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Science and ART: Expert perspectives and Real – world evidence	Prof. Lan TN Vuong	Chairperson
2	Lean Management in an IVF laboratory	Dr. Tuong M Ho	Invited speaker
3	Outcomes of transfer abnormally chromosomal embryos	Ms. Ha TT Nguyen	Oral presentation
4	Live birth rate after preimplantation genetic testing for monogenic disorders (PGT-M) for thalassemia in vietnamese patients	Ms. Tram L Ho	Oral presentation
5	Diagnostic accuracy of hysterosalpingo-foam sonography (HyFoSy) for fallopian tube patency assessment in infertile women	Dr. My T Le	Oral presentation
6	Pregnancy outcomes of infertile polycystic ovary syndrome women with different visceral adiposity index	Dr. Nam T Nguyen	Oral presentation
7	Blastocyst versus day-3 embryo transfers after in vitro maturation with pre-maturation step (CAPA-IVM) in pcso patients	Mr. Huy H Pham	Oral presentation





- *The IFFS world congress – 10-13 September 2023 – Athens - Greece*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	The great debates 4: Luteal support for FET cycles: Natural, m-natural, stimulated cycles vs. HRT cycles	Prof. Lan TN Vuong	Invited speaker

- *The fourth Asia Pacific International Conference on Industrial Engineering and Operations Management – 10-11 September 2023 – Ho Chi Minh – Viet Nam*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	The Impact of employees perception of a learning organization on innovativeness in a healthcare organization	Nga T Do, Minh HN Nguyen, Tri C Nguyen, Tuong M Ho, Kiet Nguyen	Oral presentation



- *Rencontres de Quy Nhon VI: International biology conference 2023*  
- 20-23 September 2023 – Quy Nhon – Viet Nam

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Comparison between blastocyst aneuploidy and mosaicism rates among different ovarian stimulation protocols	Ms. Ngoc T Truong	Oral presentation
2	Preimplantation Genetic Testing for Monogenic Disease of Spinal Muscular Atrophy by Hybrid WGA methods	Ms. Tram B Nguyen	Oral presentation
3	The efficiency of pentoxifylline for activation absolute immotile sperm in patients undergoing in vitro fertilization	Mr. Tuan M Vo	Oral presentation
4	Comparison of morphokinetic parameters of embryos generated from Capacitation In-vitro Maturation and Controlled ovarian stimulation ICSI	Ms. Phuong B Le	Oral presentation

- *4<sup>th</sup> BCM-CUHK-NUS Joint Symposium in clinical genetics – 23 – 24 September 202*  
- Singapore

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Case report: Preimplantation genetic testing for achondrogenesis type IA caused by a compound heterozygous mutation in the Trip11 gene	<b>Minh D Thai</b> , Ha TT Nguyen, Tram B Nguyen, Cam H Le, Tuong M Ho, Lan N Vuong	Poster presentation

- *Malaysian Society for Asisted Reproductive technology (MSART) – 7 -8 October 2023*  
- Malaysia

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	IVM in Clinical practice	Dr. Tuong M Ho	Keynote speaker

- *ASRM 2023 Scientific Congress & Expo – 14 – 18 October 2023 – Louisiana, USA*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Patient selection: Who may benefit from IVM?	Prof. Lan TN Vuong	Round-table discussion

- *33th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2023) – 16-19 October 2023 – Seoul – South Korea*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Diagnostic accuracy of hysterosalpingo-foam sonography (HyFoSy) for fallopian tube patency assessment in infertile women	<b>My T Le</b> , Binh H Vo, Anh P Pham, Anh L Vu, Toan D Pham, Tham T Truong, Tuong M Ho, Vinh Q Dang	Poster presentation

- *The 21st World Congress on In Vitro Fertilization (ISIVF2023) – 2-4 November 2023 - Japan*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Outcomes of capacitation biphasic in vitro maturation (CAPA-IVM) do phenotypes of polycystic ovary syndrome matter?	Dr. Vu NA Ho	Oral presentation

- *Hong Kong College of Obstetricians and Gynaecologists - 35th Anniversary international conference – 24 – 26 November 2023 – Hong Kong*

NO	PRESENTATION NAME	PRESENTER	TYPES OF PRESENTATION
1	Joubert syndrome caused by novel compound heterozygous TMEM237 variants: a case report	Dr. Minh D Thai	Oral presentation

## WORKSHOP

- **Workshop “Evidence based medicine and publications” – 28 September 2023**  
– Ho Chi Minh City – Viet Nam

The HOPE Research Center in collaboration with a group of experts from Monash University organized a comprehensive conference titled “Evidence-based Medicine and Publications” specifically for local researchers in Vietnam.

The speakers are leading experts in clinical research from Australia and Viet Nam: Professor Ben Mol, Dr. Rui Wang and Dr. Wentao Li (Monash University) and Professor Lan Vuong (University of Medicine and Pharmacy at HCMC).

NO	PRESENTATION NAME	PRESENTER
1	<b>How do we know what is true? A reflection on causality in the context of evidence-based medicine</b>	Prof. Ben W Mol
2	<b>Criteria for a good meta-analysis</b>	Dr. Rui Wang
3	<b>How to prepare a manuscript and submit to the journal</b>	Prof. Lan N Vuong
4	<b>Why and how to perform quality review for journals</b>	Dr. Wentao Li
5	<b>Discussion</b>	Prof. Ben W Mol Prof. Lan N Vuong Dr. Rui Wang Dr. Wentao Li





# AWARDS





No	Name of awards	Presentation name	Time of event	Place	Person
1	Young investigator award at ASPIRE 2023	Blastocyst versus day-3 embryo transfers after in vitro maturation with pre-maturation step (CAPA-IVM) in PCOS patients	7-10 Sep 2023	Australia	Mr. Huy H Pham
2	Masters thesis competition awards at The fourth Asia Pacific International Conference on Industrial Engineering and Operations Manegement	The Impact of employees perception of a learning organization on innovativeness in a healthcare organization	11-14 Sep 2023	Viet Nam	Nga T Do, Minh HN Nguyen, Tri C N g u y e n , Tuong M Ho, Kiet Nguyen
3	Woman award at the Rencontres de Quy Nhon: International Biology Conference 2023	Comparison between blastocyst aneuploidy and mosaicism rates among different ovarian stimulation protocols	Aug 2022	Vietnam	Ms. Ngoc T Truong

**ASPIRE Young Investigator Awardees**

Presenting Author	Theme	Abstract Title
Mr Kenji Ezoe Kato Ladies Clinic	Embryology	MATERNAL AGE AFFECTS MORULA COMPACTION AND CELL POLARITY OF HUMAN EMBRYOS
Mr Huy Pham IVFMD, My Duc Hospital, Ho Chi Minh City	ART, Laboratory	BLASTOCYST VERSUS DAY-3 EMBRYO TRANSFERS AFTER IN VITRO MATURATION WITH PRE-MATURATION STEP (CAPA-IVM) IN PCOS PATIENTS
Dr Xiaoyan Chen Shenzhen Baoan Women's and Children's Hospital	ART Clinical	DO WOMEN WITH A HISTORY OF RECURRENT MISCARRIAGE HAVE A HIGHER RISK OF OBSTETRIC AND PERINATAL COMPLICATIONS IN A SUBSEQUENT PREGNANCY? A COHORT STUDY.
Ms Kresna Mutia Human Reproduction, Infertility and Family Planning Research Center (HRIFFP), Indonesian Medical Education and Research Institute (IMERI), Faculty of Medicine, Universitas Indonesia	ART, Basic Research	MIR-135B EXPRESSION CORRELATED WITH ANEUPLOIDY IN TROPHECTODERM FROM IVF PATIENTS: AN APPROACH TO NIR-INVASIVE SCREENING FOR EMBRYO QUALITY ASSESSMENT
Miss Zhi Xuan Teng IVF Bridge Fertility Center	Embryology	IS THE IMBALANCE OF GENDER RATIO (GR) IN IVF/ICSI CYCLES BEING AFFECTED BY CURRENT BLASTOCYST SELECTION CRITERIA?

The bottom part of the image shows a group of people on a stage during an award ceremony, with a large screen in the background displaying the ASPIRE Young Investigator Awardees list.

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