



# dr. Mila Maidarti, SpOG-KFER, PhD

Reproductive Endocrinology Infertility Consultant

## Education

**Doctoral Program**, Centre for Reproductive Health University of Edinburgh United Kingdom  
2016 - 2020

Reproductive Endocrinology Infertility **Consultant**  
2014 - 2016

**Residency** in Obstetrics and Gynecology Faculty of Medicine Universitas Indonesia  
2008 - 2012

**Medical Doctor**, Faculty of Medicine Universitas Diponegoro  
1995-2001

## Contacts



Aceh, May 1st 1977



+628 - 119 - 690 - 92



milamaidarti@gmail.com

## Language

- Bahasa Indonesia
- English

## Experience

### Academic Staff / Senior Lecturer

2012 - Present

Universitas Indonesia

- Academic Staff /senior lecturer of Department of Obstetrics and Gynecology Faculty of Medicine Universitas Indonesia subdivision of Immuno-endocrinology and Infertility
- Coordinator of International collaboration of Obstetrics and gynecology residency programme
- Head of Women's health module, FMUI students' clinical rotation
- Co-Coordinator of obstetric and gynecology department research and community health services
- Endometrial- Special Interest Group of ASPIRE

### Academic Staff Schol

2018 - 2020

University Of Edinburgh

- Academic Staff School of Biomedical sciences, the Edinburgh University, UK

## Awards

- The best graduate** of Reproductive Endocrinology Infertility Subspecialists Program Indonesian College of Obstetrics and Gynecology 2017-2022
- The most outstanding abstract award winner**, International Society for Fertility Preservation, Vienna, Austria, 2017
- The First winner** of Faculty of Medicine University of Indonesia Research Competition 2013.
- The best graduate** of Obstetrics and Gynecology Specialist Program in 2012
- The best scientific paper** of Jakarta Infertility Update, Jakarta, December 7-8th 2011.
- The second winner** of poster presentation at The Asia Pacific Conference of Gynecologic Surgery (APCGS), Bali, October 5-8th 2011
- Most Outstanding student** of the Faculty of Medicine, Universitas Diponegoro in 2000

## ■ Grants

- **Universitas Indonesia. 2015**

Research on: Ovarian reserve evaluation in Turner syndrome patients. 2015.

- **Takeda Science Foundation Scholarship.**

- **Universitas Indonesia. 2022**

Research on: Paclitaxel impacts as cancer therapy on ovarian follicular growth in mice study

- **Universitas Indonesia. 2022**

Research on: Pharmacological network based approach on primordial follicular activation: protein interaction based predicted value

- **PDUPT. 2016**

Research on: Study on the Viability of Ovarian Cortex Post-Vitrification and Transplantation of Macaca fascicularis as an Effort to Develop a Reproductive Function Preservation Center for Cancer Patients Post-Chemoradiation

- **Research grants. 2015**

Research On: Factors influencing Anti Mullerian Hormone level in Turner Syndrome Patients

- **Global research incentive. 2014**

Research on: Integrated International Research Collaboration in Developing Fertility Preservation for Young Cancer Patients in Indonesia. 2014

## ■ Paper Presentations

- **The 5th Biennial meeting of International Society for Fertility Preservation (ISFP). Vienna, Austria, 2017**

Effect of PTEN inhibition on DNA damage and DNA repair capacity of bovine ovarian follicles in vitro

- **The 34th Annual Meeting of the European Society of Human reproduction and Embryology (ESHRE). Barcelona, Spanyol, 2018**

Primordial follicle activation in vitro following PTEN inhibition is associated with increased DNA damage of bovine ovarian follicles

- **The 27th World Congress on Controversies in Obstetrics, Gynaecology and Infertility (COGI). London, 2018**

The impact of PTEN inhibition and low dose rapamycin on primordial follicles activation and DNA damage response of bovine ovarian follicles in vitro

- **Fertility meeting. Birmingham, UK, 2019**

Rapamycin reduces the adverse impact of PTEN inhibition on DNA damage response without preventing the increased follicle growth activation

- **The 35th Annual Meeting of the European Society of Human reproduction and Embryology (ESHRE). Vienna, Austria, 2019**

Maidarti M, McLaughlin M, Clarkson YL, Telfer EE, Anderson RA (2019). Primordial follicle activation in vitro following PTEN inhibition is associated with increased DNA damage of bovine ovarian follicles

- **The 5th Congress of the Asia Pacific Initiative on Reproduction, ASPIRE. Brisbane, Australia, 2014**

Impaired Fasting Glucose (IFG) and glucose tolerance test (IGT) occur across the spectrum of BMI and phenotypes of PCOS patients

- **The 23rd Asian & Oceanic Congress of Obstetrics & Gynecology Bangkok. 2013**

AMH (anti-Mullerian hormone) serum level as a diagnostic and prognostic modality in polycystic ovary syndrome

- **The 4th Congress of the Asia Pacific Initiative on Reproduction (ASPIRE). Osaka, Jepang, 2012**

Human ovarian tissue cryopreservation as a method of fertility preservation: analysis of number and morphology of follicles after vitrification

## ■ Poster Presentations

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- **2nd UK fertility preservation meeting. Oxford, UK, 2018**

Primordial Follicle Activation Following PTEN Inhibition Increased DNA Damage of Bovine Ovarian Follicles In vitro

- **Fertility meeting , Liverpool, UK 2018**

Paclitaxel impacts on folliculogenesis and oogenesis

- **Singapore International Congress of Obstetrics and Gynecology. 2013**

- Correlation between Basal Serum Anti-Müllerian Hormone Levels and Blastocyst Developmental Rate after In vitro Fertilization

- Immunohistochemical Assessment of Telomerase Expression in Benign and Borderline Ovarian Tumor

- **IMPERIAL (Infertility, Menopause, PCOS, Endometriosis, Recurrent Miscarriage, IVF, Adolescent Gynecology, and Abnormal Uterine Bleeding. 2012**

Correlation of Basal Serum Anti-Müllerian Hormone Measurement and Human Blastocyst Development Rate after In vitro Fertilization

- **The 4th Annual Scientific Meeting of Association of Indonesian Reconstructive Urogynecology. 2012**

Effect of delivery and pregnancy on genital hiatus measurements as a risk factor for pelvic organ prolapse

- **Fetomaternal Annual Scientific meeting. 2012**

Prenatal diagnosis and management postnatal meconium peritonitis

- **Jakarta Infertility Update. 2011**

AMH (anti-Mullerian hormone) serum level as a diagnostic and prognostic modality in polycystic ovary syndrome

- **Asia pacific conference of Gynecologic surgery (APCGS). 2011**

-Localized resection as conservative management of the perforated uterus in gestational trophoblastic neoplasm.

-Pregnancy following conservative surgical staging and complete chemotherapy for dysgerminoma- a case report.

- **The 19th Annual scientific meeting of Indonesian Society of Obstetrics and Gynecology. 2011**

Clinical prognostic and histopathologic factors of the early-stage cervical cancer patients after radical hysterectomy

- **The 18th Annual scientific meeting of Indonesian Society of Obstetrics and Gynecology. 2011**

Association of Anti-Mullerian hormone (AMH) serum level with the number of mature oocytes in in vitro fertilization (IVF) patients

## ■ Seminar, workshop, and Training

- **Asian Congress of Endometriosis 2024**

Invited speaker- Moderator- Jury for the best oral and poster presentation

- **Indian Ferti Protect. 2023**

Invited Speaker

- **The 27th Asia and Oceania Federation of obstetrics and Gynaecology Congress**

Invited Speaker

- **The 2nd Asian Society for Fertility Preservation**

Invited Speaker

- **Ovarian tissue freezing, minimal stimulation in IVF and practice on the ovarian tissue transplantation in bovine ovary Training. 2014**

Attendee

- **Control ovarian hyperstimulation (COH), Ovum Pick Up (OPU) and Embryo transfer (ET) Training. 2014**

- **The 5th Congress of the Asia Pacific Initiative on Reproduction, ASPIRE. 2014**

Attendee

- **Jakarta International Gynecologic and Obstetric Meeting in Conjunction with Fetal DNA Diagnosis from Maternal Blood World Wide Researchers Conference. 2014**

Attendee

- **Pain management in Endometriosis, PEACE (PCOS, Endometriosis, Adenomyosis Conference and Exhibition). 2013**

Moderator

- **International Society for Fertility Preservation (ISFP). 2013**

Attendee

- **Ovarian Tissue Cryopreservation International Society for Fertility Preservation (ISFP) Workshop. 2013**

Attendee

- **The 23rd Asian & Oceanic Congress of Obstetrics and Gynecology. 2013**

Moderator

- **The 9th Singapore International Congress of Obstetrics and Gynecology. 2013**

Attendee

- **Management of Unexplained Subfertility Course and Workshop. 2012**

Attendee

- **The 4th Congress of the Asia Pacific Initiative on Reproduction (ASPIRE). 2012**

Attendee

- **Improving the quality of life of menopausal women Symposium**

Attendee

- **Gynecological Practice for General Practitioner (GP4GP). 2021**

Invited Speaker

- **Ina Repromed Campus (IRC). 2021**

Invited Speaker

- **Ina Repromed Campus (IRC). 2022**

Invited Speaker

- **The 6th Jakarta Infertility Update (JAK-INU). 2020**

Invited Speaker

- **The 7th Jakarta Infertility Update (JAK-INU) . 2021**

Invited Speaker

- **The 8th Jakarta Infertility Update (JAK-INU). 2022**

Invited Speaker

- **The 9th Jakarta Infertility Update (JAK-INU). 2023**

Invited Speaker

- **The 5th Biennial Meeting of Indonesian Association for In Vitro Fertilization. 2023**

Invited Speaker

- **The 9th Indonesian Fertility and Endocrinology Association Biennial Scientific Meeting. 2024**

Invited Speaker



- **Medical eligibility for contraceptive used Talkshow. 2013**

conducted by National Coordination Agencies for Family Planning

Invited Speaker

- **Menstrual disorder Talkshow**

conducted by national radio broadcast in collaboration with Alumni of Universitas Indonesia

Invited Speaker

- **Premarital counseling. 2013**

conducted by Faculty of Public Health Universitas Indonesia

Invited Speaker

- **Symposium Evidence Based Practice on IMPERIAL (Infertility, Menopause, PCOS, Endometriosis, Recurrent Miscarriage, IVF, Adolescent Gynecology, and Abnormal Uterine Bleeding. 2012**

Organizing Committee

- **Ultrasonography workshop on Reproductive endocrinology IMPERIAL (Infertility, Menopause, PCOS, Endometriosis, Recurrent Miscarriage, IVF, Adolescent Gynecology, and Abnormal Uterine Bleeding). 2012**

Invited Speaker

- **Indonesian Society of Obstetrics and Gynecology**

Active Member

- **European Society of Human Reproduction and Embryology (ESHRE)**

Active Member

- **Society for the Study of Reproduction (SSR)**

Active Member

- **Society for Reproduction and Infertility (SRF)**

Active Member

- **Asia Pacific Initiative on Reproduction (ASPIRE)**

Active Member

- **The Asia Pacific Conference of Gynecologic Surgery (APCGS) workshop and symposium. 2011**

Organizing Committee

- **Child health modules**

Developing integrated care and child health modules that is incorporated with culture and empathy components

Contributor

- **Maternal and child health learning materials website (<http://www.edukia.org/web>)**

A website developing project, in collaboration with WHO with a vision to make learning tool which provides materials on maternal and child health to enhance the knowledge and skills of healthcare personnel

Contributor

- **Trainer teacher role model training**

conducted by Faculty of Medicine Universitas Indonesia

Attendee

- **Trainer of antenatal integrated care and child health modules training**

Incorporated with culture and empathy components

Attendee

- **Clinical Practice Guideline and Clinical Pathway of Department Obstetrics and Gynecology Faculty of Medicine Universitas Indonesia**

Contributor



**\*updated on Oct 2024**

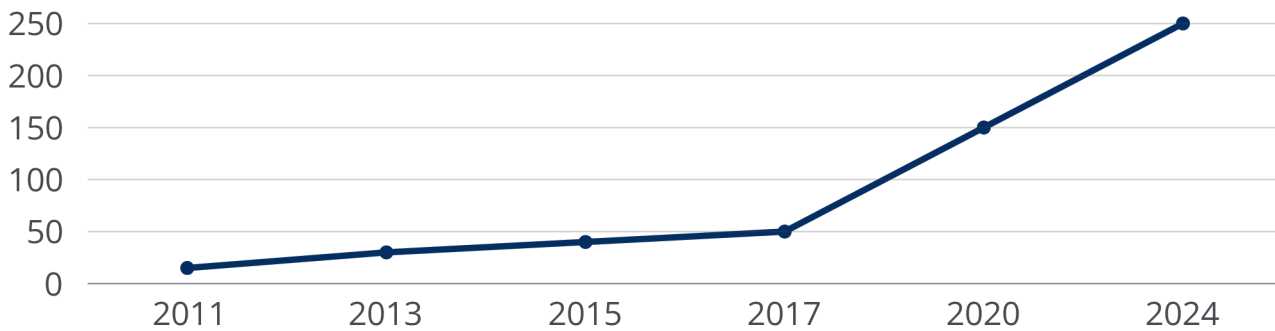
547

Citations by **547** documents

62

Documents

### Documents and Citation trends



## Notable Publications

1. Wiweko B, Januarto AK, Saleh N, Hadisaputra W, Hestiantoro A, Hidayat YM, Maidarti M, et al. Outcome findings of COVID -19 vaccine among 31 977 pregnant women in Indonesia. Intl J Gynecology & Obste. 2023 Dec;163(3):1018–23.
2. Wiweko B, Mansyur E, Yuningsih T, Sini I, Silvana V, Maidarti M, et al. Ten years of in vitro fertilization in Indonesia: Access to infertility care in a developing country. Intl J Gynecology & Obste. 2024 Jun;165(3):1144–50.
3. Fadilah F, Ermanto B, Bowolaksono A, Asmarinah A, Maidarti M, Prawiningrum AF, et al. Prediction of the Signaling Pathway in Polycystic Ovary Syndrome Using an Integrated Bioinformatics Approach. Gynecol Obstet Invest. 2024 May 29;1–27.
4. Rahayu D, Meutia AP, Priyatini T, Suratih NMD, Maidarti M, Harzif AK, et al. Association of hirsutism and anthropometric profiles with sexual dysfunction and anxiety levels in infertile Indonesian women with polycystic ovarian syndrome. Middle East Fertil Soc J. 2024 Apr 4;29(1):19.
5. Maidarti M, Clarkson Y, McLaughlin M, Anderson RA, Telfer E: Crosstalk between PTEN/PI3K/Akt Signalling and DNA Damage in the Oocyte: Implications for Primordial Follicle Activation, Oocyte Quality and Ageing. Cells 2020, 9(1), 200; <http://doi.org/10.3390/cells 9010200>.

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Find Out More

- ✓ Research and Publications
- ✓ Grants
- ✓ Intellectual of property rights
- ✓ Activities, Committee, and Organizations

