



DR. MULYOTO PANGESTU

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Summary

- Graduated as bachelor's in animal Husbandry/Animal Science, agricultural and forestry.
- Strong knowledge in embryo cryopreservation, reproductive technology.
- Excellent in organising laboratory and skill training in clinical embryology.
- Years of experience in teaching tertiary student in Faculty of Animal Husbandry and Faculty of Medicine.
- Actively writing, lecturing, seminar and presentation around the world.
- Able to work accurately and efficiently under tight timeliness.
- Able to develop and strengthen internal and external relationships through well-developed written and verbal communication skills.

Religion

Muslim

Community Experiences

- Director of Al-Jannah Funeral Services (2009 – Present)
- Former Acting President of Indonesian Muslim Community of Victoria (2006-2007).

Strengths

Mulyoto has a strong technical experience in artificial insemination, embryo cryopreservation, reproductive technology in human and domestic animal (cattle, sheep, goat and horse).

Educations

PhD in Medicine, 2003

Monash Institute of Reproduction and Development – Faculty of Medicine, Monash University Australia

Thesis title - Drying Biological Material for use in Assisted Reproductive Technology

Master of Reproductive Science, 1998

Faculty of Medicine, Monash University Australia

Thesis title - Bovine Pronuclear Embryo Cryopreservation

Post-Grad. Dip. Agric. Sc., 1994

School of Agriculture and Forestry, The University of Melbourne, Australia

Bachelor in Animal Husbandry/Animal Science, 1987

Faculty of Animal Husbandry, Jenderal Soedirman University, Indonesia

Thesis: 60-90 days Non Return Rate on Etawah Grades after intravaginal sponges treatments.

Professional Experiences

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| 2005-now: | Lecturer, Laboratory Manager and Practical Course Coordinator at Education Program in Reproduction and Development (Master in Clinical Embryology) |
| 2004: | Lecturer at Education Program in Reproduction and Development (Master in Clinical Embryology) |
| 2004: | Research Assistant at Monash Institute of Reproduction and Development, Monash University |
| 2003: | Practical Course Coordinator and Teacher (P/T) for Master in Clinical Embryology, Education Program for Reproductive Biology, Monash University |

- 2003: Post Doctoral Research Fellow (P/T) at Monash Institute Reproduction and Development, Monash University on Project *Ovarian Tissue grafting*.
- 2001-2002: Research assistant (P/T) at Monash Institute Reproduction and Development, Monash University on Mouse sperm cryopreservation and somatic cell preservation
- 1999-2001: Embryologist/Research assistant at Monash Institute Reproduction and Development, Monash University, Monash IVF-Epworth Hospital Melbourne on human oocyte vitrification
- 1996-now: Lecturer in Physiology and Reproduction, and Artificial Breeding at Faculty of Animal Husbandry, UNSOED, Purwokerto Indonesia.
- 1989-1996: Associate Lecture in Physiology and Reproduction at Faculty of Animal Husbandry, UNSOED, Purwokerto Indonesia
- 1984-1988: Practical/Laboratory Assistant in Animal Reproduction and Artificial Insemination at Faculty of Animal Husbandry, UNSOED, Purwokerto Indonesia

2015, Monash University, Melbourne, Australia

- Lecturer Department Obstetric and Gynaecology.
- Laboratory Manager for Master in Clinical Embryology, Monash University
- Practical Coordinator, Master in Clinical Embryology, Monash University

Until Jan 2022, Jenderal Soedirman University, Indonesia

- Lecturer at Faculty of Animal Husbandry

2015, Gadjah Mada University, Indonesia

- Visiting Professor at Faculty of Medicine Gadjah Mada University.
- Teaching staff at Training program for Consultant in Fertility, and Reproductive Endocrinology, Department Obstetric and Gynaecology GMU and Dept. ObsGyn/Permata Hati – Dr. Sardjito Hospital.

2015, Diponegoro University, Indonesia

- Teaching staff at Training program for Consultant in Fertility, and Reproductive Endocrinology, Department Obstetric and Gynaecology

2015, Padjajaran University, Indonesia

- Joint distance teaching on Molecular Biology and Developmental Biology at Master Biomedical Science and Doctoral Matriculation

Consultancy

- PT Dipa Pharmedlab, Jakarta
- Teratai Infertility Clinic, Gading Pluit Hospital, Jakarta
- Vitrolife ART Academy, Vitrolife AB, Sweden
- Goulbourn Valley Equine Hospital, Shepparton, Victoria
- Advanced Reproduction (Cattle ART Service), Kyabram, Victoria.
- Paramount Agro, Dhaka, Bangladesh.

Scholarships

- Monash Institute of Reproduction and Development Scholarship for finishing PhD my PhD study, 2002.
- Asian Development Bank Scholarship for PhD Study, 1998-2001.
- AIDAB/AUSAID scholarship for P. Grad. Dip and Master study, 1992-1995
- Indonesia Government Teaching Scholarship, 1985-1986.

Awards

Gold Winner of Inaugural Young Inventor Award from Far Eastern Economic Review and Hewlett Packard Asia Pacific, 2000.

Professional Association Memberships

- Fertility Society Australia
- Indonesian Association for In Vitro Fertilization (Perfitri)
- Indonesian Society for Animal Husbandry (ISPI)
- International Society for Lyophilisation-Freezing Drying
- Scientist in Reproductive Technology (Australia).
- Society of Reproductive Biology (Australia)

Invited Public Speaking

- 2008-Kemang Mother and Children Hospital, speaker on Workshop in Assisted Reproductive Technology, Jakarta 2008.
- 2008-Faculty of Veterinary Medicine, Airlangga University, speaker "Sperm Dry Preservation. Surabaya, 2008.
- 2008-Stem Cell Institute Indonesia, Kalbe Farma, speaker "Cell Cryopreservation", Jakarta 2008.
- 2009-Indonesian Fertility and Endocrinology Society, Bi-Annual Scientific Meeting 2009, Semarang, speaker's plenary session.
- 2010-Hassanuddin University Faculty of Medicine, Guest Lecture in Dept. Obstetric and Gynaecology.
- 2010- Gadjah Mada University, Continuing of Medical Education in Reproductive Endocrinology and Infertility.
- 2010- Sam Marie Infertility Clinic- 20th Anniversary, Public Seminar. Jakarta-Indonesia.
- 2010 – Bali Royal Hospital- Opening and Launching– Denpasar Bali- Indonesia.
- 2010 – International Summit – Association of Indonesian International Scientist. Indonesian Minister of National– Jakarta
- 2011 – Annual Scientific Meeting, Indonesian Fertility and Reproductive Endocrinology Society, Denpasar Bali.
- 2011 - Indonesian Association for In Vitro Fertilization Workshop in conjunction with PIT-Perkumpulan Obstetric and Gynaecology Indonesia. Jakarta-Indonesia

Invited Lectures Speakers Presentation

Pangestu, M. 2008. Dry Sperm preservation and Storage. Invited Lecture at Faculty of Veterinary Medicine, Airlangga University Surabaya-Indonesia.

Pangestu M, 2009. Stem cell, where are we now?. Invited speaker, Scientific Meeting Indonesia Fertility Society. Dept. Obstetric and Gynaecology, Diponegoro University, Semarang-Indonesia.

M. Pangestu, JM. Shaw and O. Laham-Kaplan., 2009. Dry storage of spermatozoa, mimics natural phenomenon. 3rd Asia Pacific Congress on Controversies in Obstetric and Gynaecology. Beijing 12-15 November 2009.

M. Pangestu, SL Catt, P. Chen, M. Eyre, N. Brown, P. Arokiam, Z. Sulaeman, H.O. Babkair, Y.H. Liu, 2010. Universal Warming Solution for Vitrified Embryos. 3rd Congress of the Asia Pacific Initiative on Reproduction (ASPIRE) Bangkok, Thailand April 9-11, 2010.

Pangestu M, 2010. Infertility in Community. Guest Lecture at Department Obstetric and Gynaecology, Faculty of Medicine, Hasanuddin University Makassar – Indonesia.

Pangestu M, 2010. Patient Recruitment in IVF Clinic. Guest Lecture at Department Obstetric and Gynaecology, Faculty of Medicine, Hasanuddin University Makassar – Indonesia.

Pangestu, M., 2010. Patient management in IVF Clinic. , Continuing of Medical Education in Reproductive Endocrinology and Infertility-Gadjah Mada University, Indonesia

Pangestu, M., 2010. Oocyte and ovarian tissue freezing. Continuing of Medical Education in Reproductive Endocrinology and Infertility-Gadjah Mada University, Indonesia.

Pangestu, M., 2010. Biotechnonology and Medical Research In Indonesia . International Summit – Association of Indonesian International Scientist. Indonesian Minister of National– Jakarta

Pangestu, M., 2011. Assisted Reproductive Technology: Bussiness and Service in Indonesia. Annual Scientific Meeting, Indonesian Fertility and Reproductive Endocrinology Society, Denpasar Bali

Pangestu, M., 2011. Intracytoplasmic Sperm Injection. Workshop-Perfitri, Jakarta.

Vitrolife Assisted Reproductive Technology Academy; 3-4 December 2014; Jakarta Indonesia

Vitrolife Assisted Reproductive Technology Academy; 18-19 November 2015; Jakarta Indonesia

Publication and Seminars

Pangestu, M., Diamente, M., Pawitri, D., Shaw, J., Trounson, A., 2003. Grafting ovarian tissue in a non-human primate model. *Reproduction, Fertility amd Development 15 (suppl.): 82*. Abstract presented in Soc. Reprod. Biol Annual Conference 2003, Melbourne.

Hendriana, D, Pawitri, D., Diamente, **M.,Pangestu, M.**, Shaw, J., Trounson, A., 2003. Cryopreservation and autografting of ovarian tissue in a non-human primate. *CryoBiomol.*, 2003. Abstract Published in *Cryobiology 47 (1) 270*.

Saili, T. **Pangestu M**, Setiadi M.A, Agungpriyono S, Toelihere M, Boediono A. 2005. Sperm preservation using freeze-drying method (review, in Indonesian). *Hayati*, 12:41-44

Pangestu, M, Fage, R, ,Lazarro, I.R, Momtaz, F, Sayakhot, P, Vahid, M, Yap, Y.M, and Catt, S.L, 2007. Vitrification Using Fibreplug™ Does not Impair Development of Mouse Embryos. *Australian and New Zealand Journal of Obstetrics and Gynaecology* 2007; 47 (Suppl. 1): A24

Tara, S., Rampal, D., Chhotani, A., **Pangestu, M.**, and Catt., S.L., 2007. Vitrification with Fibre Plugs; Efficient, Easy to Learn and Suitable for Cryopreserving Cleavage Stage Embryos. *Australian and New Zealand Journal of Obstetrics and Gynaecology* 2007; 47 (Suppl. 1): A31

Wang X, Catt, SL., **Pangestu, M.**, and Temple-Smith, P., 2010. Live offspring from vitrified blastocysts derived from fresh and cryopreserved ovarian tissue grafts of adult mice. *Reproduction*. 2009 Sep;138(3):527-35

Wang X, Catt, SL., **Pangestu, M.**, and Temple-Smith, P., 2010. Successful in vitro culture of pre-antral follicles derived from vitrified murine ovarian tissue: oocyte maturation, fertilization and livebirths. *Reproduction* (2010) E Pub.

Bennett, L., Wiweko, B., Hinting, A., Adyana, IG., **Pangestu, M.**, 2012. Indonesian infertility patients' health seeking behaviour and patterns of access to biomedical infertility care: An interviewer administered survey conducted in three clinics. *Reproductive Health* 2012, 9:24

Bennett, L.R., Wiweko, B., Bell, L., Shafira, N., **Pangestu, M.**, Adayana, I.P., Hinting, A., Armstrong, G., 2015, Reproductive knowledge and patient education needs among Indonesian women infertility patients attending three fertility clinics, *Patient Education and Counseling* [P], vol 98, issue 3, pp. 364-369.

Faroque, S., Horan,B., Adam,H., **Pangestu, M.**, and Thomas, S., 2015. Haptic Virtual Reality Training Environment for Micro-robotic Cell Injection. In: H. Kajimoto et al. (eds.),

Haptic Interaction, Lecture Notes in Electrical Engineering 277, DOI 10.1007/978-4-431-55690-9_46. Springer. Japan. (Chapter in a book)

Bennett, L.R., and **Pangestu M.**, 2015. Regional Reproductive Quests: Cross-Border Reproductive Travel among Infertile Indonesian Couples. Workshop on International Medical Travel and the Politics of Transnational Mobility in Asia. Asia Research Institute, National University of Singapore 26-27 August 2015.