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### RESEARCH INTEREST

- Human Clinical embriology (IVF)
- Andrology
- Biology reproduction

### ACADEMIC BACKGROUND

**UNIVERSITAS INDONESIA**

Doctoral| Biomedical Sciences(2015)

**UNIVERSITAS INDONESIA**

Master| Biomedical Sciences(2008)

**UNIVERSITAS INDONESIA**

Bachelor| Medical Doctor (2001)

### CURRENT POSITION

- Lecturer

### ACHIEVEMENT

- 1st Winner of International Conference on Global Health (ICGH) (2017)
- 1st Winner of International Symposium on Biomedical Engineering ISBE 2018
- first winner of Perhimpunan Dokter Spesialis Andrologi Indonesia PERSANDI 2018
- 1st Winner of Do Research, Social Service and Innovation FMUI Exhibition 2018
- Satya Lancana xx 2020

### PUBLICATION

- Sperm dynein ATPase and ATPases associated with various cellular activities (AAA+): regulation in oligo-astheno-teratozoospermia and necrozoospermia as extreme sperm motility disorder
- Spermatogonial stem cells: A current update in the management of azoospermic infertile men
- Sperm DNA fragmentation and chromatin maturation of prepared sperm with ALA supplementation: The effect of embryo development quality.
- A concise review of spermatogenic cells culture: Assessing the apoptotic pathway
- Sperm Na,K-ATPase alpha 4 and plasma membrane Ca-ATPase (PMCA)4 regulation in asthenozoospermia
- Embryo quality after intra-cytoplasmic sperm injection involving sperm associated with azoospermia and aged oocytes : A case report

<https://scholar.ui.ac.id/en/persons/silvia-werdhy-lestari>