

Name	Dr. Rimayanti, M.Kes., DVM
Position	Semester VII, Veterinary obstetrics and infertility Internship in Reproduction
Academic career	Doctorate, Medical Science, Universitas Airlangga, 2011 Master, Reproductive Health Science, Universitas Airlangga, 2001 Veterinarian profession, Universitas Airlangga, 1986 Undergraduate, Veterinary Medicine, Universitas Airlangga, 1984
Employment	Senior Lecturer, Universitas Airlangga
Research and development projects over the past five years	<ul style="list-style-type: none"> <li>• Effectiveness of rat therapy bone marrow stem cell in mice (<i>Rattus norvegicus</i>) teratogenic model particulate matter against congenital disability, TNF<math>\alpha</math> expression, progesterone level and placental apoptosis</li> <li>• Potency of external HSP70 in inhibiting apoptosis of oocytes during vitrification process</li> <li>• Determination of the dose of intramuscular Medroxy Progesterone Acetate (MPA) combined with estrogen for estrus induction and conception of fat tail sheep, 2 years government funding</li> <li>• Increasing provision of animal food with L-Arginine added technology in in vitro fertilization medium of ovine spermatozoa</li> <li>• Performance reproduction of madura cattle as bull candidate in madura animal breeding and animal health</li> <li>• Profile of Nerve Growth Factor (NGF) and blood Testosterone in Madura cattle as bull candidates in madura animal breeding and animal health</li> <li>• Breeding soundness of infertile dairy bull</li> <li>• Identification of osteopontin promoter genes as candidates for spermatozoa fertility DNA of Friesian Holstein dairy cattle</li> </ul>
Publications	<ul style="list-style-type: none"> <li>• Rosidawati RW, <u>Rimayanti</u>, Supranianondo K. 2017. Effect of <i>Spirulina Platensis</i> on the number of spermatogenic cells in the seminiferous tubules of rat (<i>Rattus norvegicus</i>) with excessive physical exercise. <i>KnE Life Sciences</i>, 84–92.</li> <li>• Rhavindra DY, Lazuardi M, <u>Rimayanti</u> , Primarizky H, Sudjarwo SA, Utama S, Rachmawati K. 2017. The effect of Blue Green algae (<i>Spirulina platensis</i>) extract in white rat (<i>Rattus norvegicus</i>) treated with excessive physical exercise on Leydig cell number and seminiferous tubules diameter. <i>KnE Life Sciences</i>, 684–693.</li> <li>• Qomar MA, <u>Rimayanti</u>, Nurhajati T. 2017. Effect of laserpuncture shoot on reproduction point of male Mojosari duck (<i>Anas platyrhynchos</i>) on the numbers of spermatogonium cells and seminiferous tubule. <i>KnE Life Sciences</i>, pages 718–726.</li> <li>• Suprayogi TW, <u>Rimayanti</u>, Hernawati T, Suharsono, Susilowati S. 2018. The addition of L-Arginine in capacitation media to motility, viability, and spermatozoa capacity of goats. <i>International Journal of ChemTech Research</i> 11(03): 13-18.</li> <li>• <u>Rimayanti</u>, Srinto P, Sardjito T, Mustofa I. 2018. Effect of using oestrus or non-oestrus teaser cows on ejaculation time and cortisol level in blood of Madura bulls during semen collection. <i>The Indian Veterinary Journal</i></li> </ul>

	<p>95(11): 26–28.</p> <ul style="list-style-type: none"> <li>• Sudrajad K, Madyawati SP, Tyasningsih W, <u>Rimayanti</u>, Srianto P, Widodo OS. 2018. Bacterial isolates from the cervical mucus of dairy cattle at follicular and luteal phases. Phillip.J.Vet.Med. 55(SI): 121-126.</li> <li>• Dwinofanto H, <u>Rimayanti</u>, Mustofa I, Susilowati S, Hernawati T. 2018. The effect of duration of preservation on the quality, MDA level, and DNA damage of post-thawed Bali cattle bull sperm. Iraqi Journal of Veterinary Sciences 32(2): 249-252.</li> </ul>
<p>Participation in specialist organizations over the past five years</p>	<p>Coordinator of membership and organizational development</p>