

Name	Prof.Dr. Sri Pantja Madyawati, M.Si., DVM
Position	Semester IV, Physiology and technology of Reproduction Internship in Reproduction
Academic career	Doctorate, Veterinary Reproduction , Universitas Airlangga, 2008 Master, Biology of Reproduction, Universitas Airlangga, 1998 Veterinarian profession, Universitas Airlangga, 1988 Undergraduate, Veterinary Medicine, Universitas Airlangga, 1987
Employment	<ul style="list-style-type: none"> <li>• Professor, Universitas Airlangga</li> <li>• Internal Auditor Study Program and Faculty, Universitas Airlangga</li> <li>• Coordinator of Staff , Faculty of Veterinary Medicine Unair</li> <li>• Coordinator of Study Program Veterinary Science Doctorate Program</li> </ul>
Research and development projects over the past five years	<ul style="list-style-type: none"> <li>• Identification of bacteria in dairy cattle reproduction tract at time of artificial insemination at dairy board used as a job training field for Veterinary Professional Education Program, 2 years government funding</li> <li>• Determining probes for sexing of dairy cow calves based on acidity, 2 years government funding</li> <li>• Identification of bacteria in dairy cattle reproductive tract post artificial insemination at KUD areas used as field practice by PPDH students, 1 year government funding</li> <li>• The design smart temperature regulators to increase pregnancy rate based on basal temperature in dairy cows, 2 years government funding</li> <li>• Characterization of Tyrosine Kinase on spermatozoa plasma membrane of Merino sheep in order to increase quality of frozen semen, 1 year government funding</li> <li>• Effectiveness of rat bone marrow stem cell therapy on rats (<i>Rattus norvegicus</i>) model teratogenik particulate matter to congenital abnormality, expression of TNF-alfa, progesterone level and apoptosis, 1 year government funding</li> </ul>
Journals Publications	<ul style="list-style-type: none"> <li>• Sudrajad K, <u>Madyawati SP</u>, Tyasningsih W, Rimayanti R, 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>• Nawangwulan T, <u>Madyawati SP</u>, Plumeriastuti H. Profile of Protein Tyrosine Kinase in Seminal Plasma of Merino Sheep Using Technique of Sodium Dodecyl Sulphate Polyacrilamide Gel Electrophoresis (International Journal of Chem Tech Research 11(7): 214-218.</li> <li>• Thalithalupi ES, <u>Madyawati SP</u>, Sardjito T, Utomo B, Srianto P. 2017. Influence of Vaginal Mucosa pH at artificial insemination of non return rate (NRR) and conception rate (CR) on dairy cow in KSU Tunas Setia Baru Pasuruan East Java. International Journal of Development Research 7(9):15540-15542.</li> <li>• Sholikhah DN, <u>Madyawati SP</u>, Tyasningsih W, Nangoi L, Srianto P. 2017. Non specific bacteria isolate in reproductive tract of dairy cattle that experienced repeat breeder at KSU Tunas Setia Baru Pasuruan regency. International Journal of development Research 7(9): 15598-15601.</li> <li>• <u>Madyawati SP</u>, Sardjito T, Srianto P, Safitri E. 2017. Characterization of</li> </ul>

	<p>Tyrosine Kinase protein in spermatozoa plasma membrane of Merino sheep. International Journal of ChemTech Research 10(3): 62-67.</p> <ul style="list-style-type: none"> <li>• Hendaro H, <u>Madyawati SP</u>, Luqman EM, Hendrawan VF, Ahmad AB. 2015. Effectiveness of Insulin Transferrin Selenium supplementation to vitrified mice using hemi straw on zona hardening: Expression of Heat Shock Protein 70 and Caspase 3. Journal of Stem Cell and Regeneration Biology 1(1).</li> </ul>
Patent	Bovine insemination Gun for student practice