

STAFF HANDBOOK

Name / Nama	Dr. Muhammad Hatta, S.Pt., M.Si
Position / Bidang keilmuan	Livestock Science
Academic career / Riwayat Pendidikan	S1 - Department of Animal Science, Faculty of Animal Husbandry - Hasanuddin University (1989-1995) S2 - Magister of Animal Science, Faculty of Animal Science - Institut Pertanian Bogor (2007-2009) S3 – Doctor of Animal Science, Faculty of Animal Science - Universitas Hasanuddin (2014-2019)
Employment / Pekerjaan	Lecturer at the Faculty of Animal Husbandry, Hasanuddin University
Research and development projects over the last 5 years / Riwayat penelitian 5 tahun terakhir	● Growth of Young Male Goats in Intensive Fattening Fed a Complete Feed Made from Local Ingredients with Various Levels of Liquid Smoke ● Policy Design and Development of Institutional Governance Strengthening Models Through Clustering Patterns for Bali Cattle Breeding in Various Monographs of South Sulawesi Region ● Strengthening Institutional Governance in Agribusiness and Competitiveness Based on Bali Cattle Breeding Clusters to Improve the Performance of Smallholder Livestock Farms ● Production of High-Quality Polled Bali Cattle Breeding Stock through Integrated Modern Biotechnology from Upstream to Downstream Based on Participatory Breeding ● Sustainability Strategy for Beef Cattle Breeding through Multi-Dimensional Scaling Method in Barru District ● Sustainability Status of the Special Program for Mandatory Pregnancy of Breeding Cows through Multi-Dimensional Scaling Method in Barru District ● Strategy for Strengthening the Institutional Capacity of Beef Cattle Corporations in Gowa District

	● Strategy for Strengthening the Institutional Capacity of Beef Cattle Corporations in Gowa District ● Performance Study of Bali Polled Cattle Resulting from Artificial Insemination from Different Bulls in the Smallholder Farming System
Industry collaborations over the last 5 years / Kolaborasi dengan industry 5 tahun terakhir	
Patents and proprietary rights / Paten dan HKI	● Improving Cattle Productivity through the Use of Quality Feed and Cattle Management Practices in the Polehali Mandiri Cattle Farmers Group ● Alternative Procedures for Implementing the Mandatory Breeding Program for Dairy Cows (UPSUS-SIWAB) ● Farmers' Perceptions of BUMDes Beef Cattle Farming Units ● Sustainability of Beef Cattle Breeding Based on Ecological Dimensions ● Level of Adoption of Innovation by Farmers Regarding Artificial Insemination Technology in the UPSUS SIWAB Program
Important publications over the last 5 years / Publikasi penting 5 tahun terakhir	● Non-Carcass Characteristics Of Intensive Fattening of Kacang Goat With Different Sex ● Effect of supplementing elephant grass with Gliricidia sepium, Lannea coromandelica and concentrate feed on Bali cattle performance ● Application of Rice Straw Processing Technology as Feed for Beef Cattle in the Regional Partnership Program of Suppa Subdistrict, Pinrang Regency ● Evaluation of the initial approach strategy of animal husbandry service officers on the characteristics of beef cattle farmers as determinants of the sustainability of the artificial insemination program ● Evaluation of the initial approach strategy of animal husbandry service officers on the characteristics of

	beef cattle farmers as determinants of the sustainability of the artificial insemination program ● Profile of cholesterol, glucose, and urea of Bali cattle under different dry lot fattening period by concentrate containing cocoa pulp ● Performance of Bali cattle under different dry lot fattening periods by concentrated feed containing cocoa pulp ● Level of Fertility and Development of Embryos in Vitro Results of Oocyte Fertilization with Different Bull Sperms ● Acceleration of Beef Cattle Development UPSUS-SIWAB Program in Terms of the Three-Cycle of Farmer Empowerment ● Farmers Behavior Toward Bali Cattle Purification ● Farmers' Perceptions of BUMDes Beef Cattle Farming Units ● Sustainability of Beef Cattle Breeding Based on Ecological Dimensions ● Demonstration of Corn Straw Silage Processing Technology as a Source of Beef Cattle Feed in Suppa District, Pinrang Regency ● Eco-Friendly Eggshell Meal on Milk Yield and Quality of Holstein Friesian Cows ● Level of Adoption of Innovation by Farmers Regarding Artificial Insemination Technology in the UPSUS SIWAB Program ● Implementation of Alley Cropping System of Elephant Grass with Indigofera to Increase Milk Production and Quality of Holstein Friesian Cows ● Design a Strategic Program to Strengthen Beef Cattle Corporate Institutions ● Performance of Bali Cattle by the Implementation of Quadruple Helix Participatory-Based Breeding Programs in Optimizing the Potential of Smallholder Cattle Farms
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	● The Effect of Time and Concentration of Curing Agents on the Quantity and Quality of Goat Skin Gelatin Produced Through the Acid Process ● Design a Strategic Program to Strengthen Beef Cattle Corporate Institutions ● The Value of Hematocrit, Hemoglobin, and Lymphocytes of Lactating Friesian Holstein with Supplementation of Urea Molasses Multi-Nutrient Block Containing Cement Substituted by Tapioca Meal ● Heavy Metal Residue in Milk of Holstein Friesian Dairy Cows Supplemented by Urea Molasses Multi-Nutrient Block Containing Cement Substituted by Tapioca Meal ● Sustainable Corporate Models for Beef Cattle to Support the Acceleration of National Beef Self-Sufficiency
Activities in specialist bodies over the last 5 years / Aktifitas berkaitan dengan bidang keahlian dalam 5 tahun terakhir (contoh: menjadi narasumber, tenaga ahli dll.)	● Presenter at The 2nd International Conference of Animal Science and Technology