

## Staff Handbook

Name	Mulia Winirsya Apriliyani
Position	Assistant Professor of Animal Product Technology
Academic career	Lecturer Faculty of Animal Science, Universitas Brawijaya 2016 Master's degree (Animal Science) Universitas Brawijaya 2013 Undergraduate degree (Animal Science) Universitas Brawijaya 2010
Employment	-
Research and development projects over the last 5 years	<ol style="list-style-type: none"> <li>1. Development of Nano Casein-Catechins in Making Composite Edible Film as a Food Preservative for Animal Products (2018). Partner: LPPM, Universitas Brawijaya. Grant: 25 million IDR</li> <li>2. Application of Edible Coating with the Addition of Modified Casein to Processed Meat Products as a Natural Preservative Agent (2019). Partner: LPPM, Universitas Brawijaya. Grant: 25 million IDR</li> <li>3. Engineering of Chitosan Nanocomposite as a Basic Material for Packaging of Fresh Eggs and Processes (2020). Partner: BOPTN Faculty of Animal Science, Universitas Brawijaya. Grant: 48,5 million IDR</li> <li>4. The Effectiveness of Ozone Technology in Increasing Edible Coating Broiler Meat Storage Capacity (2020). Partner: LPPM, Universitas Brawijaya. Grant: 27 million IDR</li> </ol>
Industry collaborations over the last 5 years	-
Patents and proprietary rights	<i>Patents:</i> Candy Ginger Honey Egg Milk Formula, 2017 (ID: P00201709641) <i>Proprietary rights:</i> Basic Microbiology of Animal Products, 2020 (ID : EC00202008421)
Important publications over the last 5 years	<ol style="list-style-type: none"> <li>1. Mulia Winirsya Apriliyani et al. Characteristics of Moisture Content, Swelling, Opacity and Transparency with Addition Chitosan as Edible Films/Coating Base on Casein. Advance Journal of Food Science and Technology, 62 (4), 533/2020</li> <li>2. Mulia Winirsya Apriliyani et al. Physico-chemical and antimicrobial properties of casein-chitosan edible films as food quality and food safety. IOP Conference Series: Earth and Environmental Science, 443 (012018)/2020</li> </ol>
Activities in specialist bodies over the last 5 years	-