



**Dr. Shanti Listyawati S.Si., M.Si.**

### Teaching Areas:

Animal Physiology  
Bioethics



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### SELECTED PUBLICATIONS

2021. The effect of perennial sow-thistle (*Sonchus arvensis*) leaf extract on blood glucose and plasma insulin levels of diabetic mice. *Cell Biology and Development*. Vol.5:2, 63-69

2021. Red snapper fish improves thyroid gland activity in the hypothyroidism rat. *Food Research* 5 (Supl. 2), 18 - 24.

2020. Starch, amylose and amylopectin levels of M5 and M6 generations of black rice irradiated by Gamma Co-60 ray. *IOP Conf. Series: Journal of Physics: Conf. Series* 1436 (2020) 012116  
doi:10.1088/1742-6596/1436/1/012116 .

2019. Aktivitas Hipokolesteromik Beras Hitam (*Oryza sativa* L. ) Hasil pemuliaan dengan Sinar Gamma Co-60. *Prosiding Seminar Nasional Aplikasi Isotop Radiasi -BATAN* ISBN 978-979-355829-5.

2018. Kandungan Nutrisi Beras Hitam (*Oryza sativa* L.) Hasil Pemuliaan Tanaman dengan Sinar Gamma Co-60. *Prosiding Pertemuan dan Presentasi Ilmiah Penelitian Dasar Ilmu Pengetahuan dan Teknologi Nuklir*.

2016. Anti-proliferative Activity and Apoptotic Induction of the ethanolic extract isolated from Finger Roots (*Boesenbergia pandurata* (Roxb.) Schelter) against HeLa and Vero Cell-lines. *Asian Pacific Journal of Cancer Chemoprevention*. 17(1) : 183-187.

2015. Protective Effect Ethanolic Extract of *Boesenbergia pandurata* Against UV-B Induced DNA Damage in Balb/C Mice. *Indonesian Journal of Pharmacy*. 26(2).

2015. Aktivitas Ekstrak Rimpang *Boesenbergia pandurata* (Roxb.) Schlect. dalam Regulasi Ekspresi IL-10 dan IL-12 pada Kulit Mencit Balb/C yang Dipapar UV-B. *Seminar Nasional dan Konggres Himpunan Kimia Bahan Alam ke-23*.

### RESEARCH PROJECTS

Aktivitas Anti-hiperlipidemik Beras Hitam (*Oryza sativa* L.) hasil Radiasi.

Potensi Ekstrak Temu Kunci (*Boesenbergia pandurata* Roxb. Schelter) sebagai Kemoprevensi Kerusakan DNA pada Model Tumorigenesis Mencit Balb/C Terinduksi UV-B.