



## Dr. Nita Etikawati, S.Si., M.Si.

### Teaching Areas:

Genetics; Cytogenetics; Mutation Induction; Natural product



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### SELECTED PUBLICATIONS

2021. In vitro fibroblast cell culture from Pelung chicken embryo and its potential application. IOP Conference Series: Earth and Environmental Science 637 (1), 012007.
2021. Exogenous application of paclobutrazol promotes water-deficit tolerance in pepper (*Capsicum annuum*). Cell Biology and Development.
2020. Antibacterial activity of *Plantago major* leaves against *Streptococcus pyogenes* ATCC 19615 as a cause of tonsillitis. Asian Journal of Tropical Biotechnology 17 (1).
2016. Induction of p53 and pRb Expression in Cervical Cancer Cells HeLa by Chloroform Extract of *Polyalthia glauca* (Hassk.) Boerl. leaves. Asian Journal of Tropical Biotechnology 13 (1), 18-33
2015. Cytotoxic activities of chloroform extract from leaves of *Polyalthia glauca* (Hassk.) Boerl. on the HeLa cell line. Journal of Chemical and Pharmaceutical Research 7 (10), 440-444

### RESEARCH PROJECTS

- Polyalthia glauca* bioactivity on oncogene, tumor suppressor gene & epigenetics
- Plant mutation induction
- Cytogenetics

### PATENTS AND PROPRIETARY RIGHTS

Book : Vademikum

### ACADEMIC CAREER

- [2003-present] : Assistant Professor, Dept. of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sebelas Maret
- [2010-2016] : Dr. Biotechnology of Gadjah Mada University.
- [2008-2001] : M.Si. Biology Faculty of Bandung Institute of Technology.
- [1999-2002] : S.Si Biology Faculty of Gadjah Mada University.
- [1988-1994] : S.Si Biology Faculty of Biology Gadjah Mada University.