

### EDITORIAL TEAM

#### Editor in Chief

Maharani Pertiwi K

(Biomolecular, Universitas Nahdlatul Ulama Surabaya, Indonesia)

#### Associate Editor

Samsul Bahari Shamsudin

(Environmental and occupational health, Universiti Malaysia Sabah, Malaysia)

#### Journal Editor

Achmad Syafiuddin

(Toxicology, Universiti Teknologi Malaysia, Malaysia)

Fildzah Karunia Putri

(Clinical Nutrition, Universitas Nahdlatul Ulama Surabaya, Indonesia)

Agusniar Furkani Listyawati

(Microbiology, Universitas Wijaya Kusuma Surabaya, Indonesia)

#### Peer Reviewers

Win Darmanto

(Human physiology, Airlangga University, Indonesia)

Ika Nindya Kadariswantiningsih

(Microbiology, Airlangga University, Indonesia)

Hotimah Masdan Salim

(Cell biology, Universitas Nahdlatul Ulama Surabaya, Indonesia)

Firdaus Hayati

(Surgery, Universiti Sabah Malaysia, Malaysia)

Umi Hamidah

(Microbiology and Biotechnology, Indonesian Institute of Sciences, Indonesia)

Budi Santosa

(Hematology and Immunohematology, Universitas Muhammadiyah Semarang, Indonesia)

Dewi Noor Hidayati

(Virology, Farma Veterinary Center, Indonesia)

#### Copyeditor

Gilang Nugraha

(Medical Laboratory, Nahdlatul Ulama University of Surabaya, Indonesia)

---

### Contact Address

Campus B Nahdlatul Ulama University of Surabaya

Jl. Raya Jemursari No. 51-57, Surabaya, East Java, Indonesia. Zip code 60237

Tel.: +62-31-8479070 and Fax.: +62-31-8433670

E-mail: [ijmlst@unusa.ac.id](mailto:ijmlst@unusa.ac.id)

Website: <http://journal2.unusa.ac.id/index.php/IJMLST>

---

# Content

p-ISSN 2684-6748  
e-ISSN 2656-9825

Indonesian Journal of Medical Laboratory Science and Technology  
Volume 2 Number 1, April 2020

---

**A Powerful ELISA Technique to Test The Potential of Extra Virgin Olive Oil in Reducing TNF- $\alpha$  Level and Edema Volume in Male *Rattus norvegicus* Exposed to Carrageenan** 1 – 10

Andina Putri Aulia, Suprpto Maat, Aryati

**Blood Lead Concentrations and The Neuropsychology Scores of Pregnant Women in Klang Valley, Malaysia** 11 – 20

Shamsul Bahari Shamsudin, Jamal Hisham Hashim, Nik Nasri Nik Ismail, A. Jamal A. Rahman, Maharani Pertiwi Koentjoro

**Cytotoxicity Assay Using Brine Shrimp Lethality Test on Collagen-Chitosan Wond Dressing Sterilized by Ultraviolet Light** 21 – 26

Ary Andini, Endah Prayekti, Devyana Dyah Wulandari, Ersalina Nidianti

**Invitro Citotoxicity Assays of Seagrass (*Enhalus acoroides*) Methanol Extract from Soropia Coastal Waters Southeast Sulawesi Regency** 27 – 33

Theosobia Grace Orno, Agnes Rantesalu

**Laboratory Trial of Protein Determination in Urine Using Different pH Values of Acetic Acid and Acetate Buffer Method** 34 – 41

Dinar Rahayu, Tuti Rustiana

**The Effect of Environmental Factor and Use of Personal Protective Equipment on Symptoms of Acute Respiratory Tract Infections in Workers Furniture Industry** 42 – 49

Merry Sunaryo