

COVER LETTER

13 February 2021

Muhamad Jalil Baari

Department of Chemistry, Faculty of Science and Technology, Universitas Sembilanbelas November Kolaka.

Jalan Pemuda, Kolaka, 93511, Indonesia

Carla Wulandari Sabandar

Department of Pharmacy, Faculty of Science and Technology, Universitas Sembilanbelas November Kolaka,

Jalan Pemuda, Kolaka, 93511, Indonesia

Dear Editor of Indonesian Journal of Chemistry,

We wish to submit an original review article entitled “**A Review of Expired Drug-Based Corrosion Inhibitors: Chemical Composition, Structural Effects, Inhibition Mechanism, Current Challenges, and Future Prospects**” for consideration by Indonesian Journal of Chemistry.

We confirm that the written manuscript is original, and no part of it has been published before, nor is any part of it currently under consideration for publication elsewhere.

This manuscript is focused to review expired drug-based corrosion inhibitors in acidic media for metal protections. This review discusses the contribution of the chemical composition, molecular structure, compatible treatment conditions, and some corrosion analysis methods that were explained using chemistry concepts. The readers will obtain information about the advantage of expired drugs as corrosion inhibitors which has not been utilized so far. Current challenges and future prospects were also discussed for further investigations/researches and developments to obtain superior corrosion inhibitors and save the environment.

Please find below a list of potential reviewers for this work.

We have no conflicts of interest to disclose.

Please address all correspondence concerning this manuscript to me at jalilbaari@gmail.com.

Your consideration is very much appreciated. We are looking forward to your favorable reply.

Sincerely,

Muhamad Jalil Baari and Carla Wulandari Sabandar

List of Potential Reviewers

- Name** : **Dr. Saprizal Hadisaputra**
Affiliation : Chemistry Education Division, Faculty of Science and Education, University of Mataram, Indonesia
Address : Jalan Majapahit 62, Mataram 83125, Indonesia
E-mail : rizall@unram.ac.id
Reviewing Interest / Expertise : Computational chemistry, Corrosion inhibitors
- Name** : **Dr.rer.nat. Nurul Hidayat Aprilita**
Affiliation : Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Gadjah Mada, Yogyakarta, 55281, Indonesia
Address : FMIPA UGM Sekip Utara Yogyakarta
E-mail : nurul.hidayat@ugm.ac.id
Reviewing Interest / Expertise : Chemical sciences, environmental chemistry, adsorption
- Name** : **Prof. Drs. Karna Wijaya, M.Eng., Dr. rer.nat**
Affiliation : Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Gadjah Mada, Yogyakarta, 55281, Indonesia
Address : Faculty of Mathematics and Natural Sciences, Universitas Gadjah Mada, Yogyakarta, 55281, Indonesia
E-mail : karnawijaya@ugm.ac.id
Reviewing Interest / Expertise : Chemical sciences, catalysis and mechanisms of reactions, physical chemistry, isothermal adsorption
- Name** : **Dr. Lam Kok Wai**
Affiliation : Drug and Herbal Research Centre, Faculty of Pharmacy, Universiti Kebangsaan Malaysia, Jalan Raja Muda Abdul Aziz, 50300 Kuala Lumpur, Malaysia
Address : Jalan Raja Muda Abdul Aziz, 50300 Kuala Lumpur, Malaysia
E-mail : david_lam@ukm.edu.my
Reviewing Interest / Expertise : Drug discovery, medicinal chemistry