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The Observation of Fast, Long Term, and Stable Performance of Toxic Absorption in Herbal Blessing Product Based on *Galoba Maluku (Zingiberaceae Fruits)*

Ido F. Seay^{1,2} and Hendry Izaac Elim^{1-6,#}

¹Nanomaterials for Photonics Nanotechnology Laboratory (**N4PN Lab.**), Department of
Physics, Faculty of Mathematics and Natural Sciences, Pattimura University,
Jl. Ir. M. Putuhena, Poka, Ambon, Indonesia 97233

²Nanotechnology Research Center and Innovative Creation (**PPNRI-LEMLIT**), Research
Center of Pattimura University, Pattimura University Campus,
Jl. Mr. CHR. Soplanit, Rumah Tiga, Ambon, Indonesia 97234

³Multidisciplinary Research Center of Excellence (**MrCE**), **UNPATTI**,
Jl. Chr. Soplanit, RumahTiga, Ambon, Indonesia 97234

⁴Theoretical Physics Laboratory, Physics department, Pattimurauniversity, Ambon, Indonesia 97233

⁵Development and Innovative Center (**PPI**) of Pattimura University, Indonesia

⁶Specific Laboratory of Electronics and Instrumentation (**ELINS Lab.**),
Physics Department, Pattimura University, Ambon, Maluku, Indonesia 97233

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Corresponding author: Email: hendry.elim@staff.unpatti.ac.id; hendryelim@gmail.com

Abstract

The search for the best herbal medicine products for multitasking healing system associated with *Galoba* (Maluku language) or *Golobe* (North Maluku language) or zingiberaceae fruits are presented with a very systematic explanation after an intensive research in the last 3 years (~2016-2019) vary from its antioxidant content of flavonoid, chemical bonding organization, HIV virus medicine test, and toxic inhibition status. We obtained that the best herbal medicine produced in this paper called as **Herbal Blessing products** preparing with different system of **Love herbal made by STIKES Halmahera, North Maliuku, Indonesia** can provide fast, long term, and stable performance of toxic absorption. Such fast toxic response is an instantaneous process with no longer than 1 minute as well as a stable toxic binding for up to 4 months and 10 days so far. The obvious observation indicated few interesting physical chemistry processes during toxic absorption such as the nitrogen gas released during the sample preparation of Herbal Blessing, and the oxygen vanished in different sample processes of the same source of *Murnaten Amomum sp.* observed in a protected bottle consisted of the sample interaction with toxic in water. These amazing findings suggest that Herbal Blessing products are very promising for future multitasking healing system for human excellent health.

Keywords: *Galoba/ Golobe/ Zingiberaceae* fruit,
Love Herbal, Herbal Blessings,
Multitasking Healing.

LETTERS

The incredible thing of herbal medicine [1-8] is on its excellence healing system [9-17] which is quite different from a normal pharmaceutical drug with the excellence background of synthetic chemistry. A concept

of self-healing mechanism in applied physics of nanoscience, nanotechnology and nanomedicine as described in Fig. 0 with 4 important points of (1). **nanohybrid composites**, (2). **Emerging Bio-physics compositions**, (3). **Surface interactions**, and (4). **Wisdom density and its geometry** is widely and originally found in organic natural materials such as in

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fruits, roots, leaves, stems, and parts of animal's body as well as products of animal self-product, for instance in a super-elastic string of spider web. Furthermore, recently various collaborative scientists have produced many types of products with both multitasking healing system theory [11,12] and its experimental observation, for example in herbal medicine based on *Galoba* / *Golobe* (zingiberaceae) fruits [4].

Figure 0. Self-healing mechanism in universe based on knowledge source and understanding of a collaboration among two to three atoms or molecules or cells or nanomaterials or compositions in microscopic applied physics.

In order to test the best products of herbal medicine in conjunction with the whole *Galoba* in Maluku and *Golobe* in North of Maluku fabricated before by A.L. Mapanawang, et al., STIKES Halmahera called as **Love herbal** [13] with its physical behaviors under collaboration with Elim of Pattimura university [14-17], ones investigated the best area in Maluku in which such interesting fruits are being grown with healthy nature and environment. We found **Murnaten village** in the west part of Seram island, the largest island in Maluku province as a very good area of such *Galoba* samples. There were 3 best types for **Herbal Blessing products** of the fruits identified as: (1). **Durian *Galoba*** (Murnaten *Amomum sp.*) called as Murnaten Ramburan *Galoba*, (2). **Jantung *Galoba*** (Murnaten *Hornstedtia alliacea*), (3). ***Halia Galoba*** (Murnaten *Etlinger alba* (Blume) A.D. Poulsen). **Figure 1** shows the first observation of nitrogen gases detected using

infrared thermometer during the fabrication of **Herbal Blessing products** based on Murnaten *Amomum sp.* fruits at Pattimura university, Ambon, Indonesia. According to the measurement of the hotplate temperature (T_{HP}), and the on target medicine preparation inside hotplate, the medicine can decrease the input temperature up to 50% or from measured $\sim 160^{\circ}\text{C}$ to be $\sim 83^{\circ}\text{C}$ in the medicine. This means that the gases have carried out half of the thermal heating out of the medicine.

Figure 1. The observation of nitrogen gases during the fabrication of **Herbal Blessing products** based on Maluku zingiberaceae fruits at Pattimura university, Ambon, Indonesia. T_{HP} is the hot plate temperature measured using infrared thermometer. While T_{med} is the direct measurement of as fabricated **Herbal Blessing product**. The flow of temperature from hotplate to direct contact of the medicine was about half of the inserted temperature.

Figure 2 shows the observation of fast, long term, and stable performance of toxic absorption in **Herbal Blessing Products** (the logo depicted in the inset with red color) based on 4 different kinds *Galoba* Maluku (zingiberaceae fruits) [3] or *Golobe* North Maluku [13-17]. The 3 of their genus investigated in this work were collected in Murnaten, west part of Seram island consisted of: (1). **Durian *Galoba*** (Murnaten *amomum*

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sp.) called as *Murnaten Ramburan Galoba*, (2). *Jantung Galoba* (*Murnaten hornstedtia alliacea*), (3). *Halia Galoba* (*Murnaten Etlinger alba* (Blume) A.D. Poulsen). The two bottles on the right were **Herbal Blessing products** from *Murnaten Amomum* sp. with two different sample preparations with their interactions with *betadine* toxic (a common wound medicine in Indonesia with dark yellow color) in water, respectively. We obtained that because of the different prepared medicines, the output toxic response and ability was also different indicated with the different colors of absorption process as shown in **Fig. 2**. Therefore, there was sample preparation dependence on the quality of herbal medicine. On the other sides, the two left bottles were containing **Herbal Blessing products** made by *Murnaten Hornstedtia alliacea* and *Murnaten Etlinger alba* (Blume) A.D. Poulsen. All the observed healing mechanism of the **Herbal Blessing products** have been identified in the last 4 months plus 10 days starting from as fabricated samples on 13rd February 2019. It is still stable up today due to unchanging color of the solutions. These findings are much better than that observed in *Elim alliacea* herbal medicine in Ref. [3], which was only 3 days toxic absorption and then the 4th day and so forth the toxic came out.

Figure 2. The observation of fast, long term, and stable performance of toxic absorption in **Herbal Blessing Products** (the logo depicted in the inset with red color) based on 4 different kinds [3,14-17] of *Galoba* Maluku (zingiberaceae fruits) collected both in Layeni village [3], and in Murnaten, west part of Seram island, respectively.

After all different sample preparations as depicted in **Fig. 3** with its comparison with former **Love herbal** of STIKES Halmahera product as demonstrated during **PharmaNano** in New York on 20th to 21st March 2019, ones find out that the medicine response in absorbing toxic (*betadine*) of **Love herbal** was the slowest or about 48 minutes in order to reduce all the toxic as indicated in a clear water-toxic solution. While according to experimental observation in **Herbal Blessing products** from 13rd February 2019 up to present, the response time to absorb all the *betadine* toxic in water is just in a minute or few minutes depending on the genus of *Galoba* based herbal medicine. Furthermore, it is interesting to point out that such absorption was very stable. On the other words, the toxic cannot be escaped from the medicine for more than 4 months. The quality of water after such long term absorption is also much more clearly than that in *Love herbal*. That was the reason why ones distinguish the two different herbal medicine products as **the best (Herbal Blessing) and good (Herbal love) products** as marked inside **Fig. 3**.

Figure 3. The best (**Herbal Blessing products**) versus a good (**Love Herbal**) herbal medicines based on at least 4 identified genus of *Galoba* (zingiberaceae fruits) worldwide: (1) *Hornstedtia*, (2) *Amomum*, (3) *Etlinger alba* (blume), and (4) *Elim* [3,4,13-17].

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The remark of this work is that the invention of **Herbal Blessing products** reported in this paper will make worldwide impacts on multitasking healing system to improve human health or at least keep daily healthy life due to their fast, long term, and stable performance of toxic absorption, respectively. Such **Herbal Blessing** is like a molecular battery for human body activities as illustrated in Ref.[8,18].

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Conflict of Interest Statement

Both **IFS** and **HIE** state and declare that they have no any conflict in these current works.

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#Corresponding author CV:

H.I. Elim, Ph.D is a young scientist (Assoc.Prof.) of Pattimura university from physics department in Faculty of Mathematics and Natural Sciences (**FMIPA**). Moreover, Dr. Elim has been working on the field of physics in nanoscience, nanotechnology and nanomedicine for about the last two decades. He built the first nanoscience research center and innovative creation (**PPNRI**) in the eastern part of Indonesia since April 2015 up to present. Such **PPNRI** has made worldwide impacts with many creative outputs both prototypes in superfibers with excellent mechanical and optical properties, and herbal medicine products. As a matter of facts, there were ~75 research undergraduate research students having their graduation certificates to face their adventure future in science and technology of working environment. Besides of the above mentioned achievements, Dr. Elim has published over 20 international publications in the institution of **PPNRI**, Pattimura university as well as presented vary invited talks in several prestigious international conference in the related fields such as in **PharmaNano** 2018, Last Vegas, and **PharmaNano** 2019, New York, USA. In addition, Dr. Elim has delivered a series of quest lectures on multitasking nanotechnology and nanomedicine in few important Indonesia universities, for instance: Univeritas Negeri Manado (**UNIMA**), Universitas sam Ratulangi (**UNSTRAT**), and Universitas Indonesia (**UI**). In summary, the best achievement that Dr. Elim has attained in his scientific contributions is the **H index of ~24 based on SCOPUS/ Web of Science with citation over 2300** which distinguishes him as **the 3rd best Indonesia physicist in 2019**.

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