

Abstract Submitted  
for the APR16 Meeting of  
The American Physical Society

**Motility of magnetotactic bacteria/MTB to Geomagnetic fields<sup>1</sup>**

FATAHILLAH HIDAJATULLAH-MAKSOED<sup>2</sup>, Prodi of Physics UI, Depok 16424-INDONESIA — Bacteria with motility directed by a local geomagnetic fields have been observed in marine sediments” discussed by R. Blakemore, 1975. Magnetotactic bacteria/MTB discovered in 1963 by Salvatore Bellini. For “off-axis electron holography in the transmission electron microscope was used to correlates the physical & magnetic microstructure of magnetite nanocrystals in magnetotactic bacteria” sought “single-domain magnetite in hemipelagic sediments” from JF Stolz. Otherwise, for potential source of bioproducts- product meant from result to multiplier –of magnetotactic bacteria[ACV Araujo, *et.al*, 2014 ] of marine drugs retrieved the ‘measurement of cellular chemotaxis with ECIS/Taxis, from KM Pietrosimone, 2012, whereas after “earth magnetic field role on small living models” are other interpretation of “taxis” as a movement of a cell instead usual “tax” for yew’s taxus cuspidate, hired car & taxes in financial realms.

<sup>1</sup>acknowledgements to HE. Mr. H. TUK SETYOHADI, Jl. Sriwijaya Raya 3, South-Jakarta, INDONESIA

<sup>2</sup>even iron  $^{26}\text{Fe}$  have been tracked originates from bacteria accompanying signature from HE. Mr. BrigadierGeneral-TNI[rtd] H. Ing. LUTHFI ZAKARIA

Fatahillah Hidajatullah-Maksoed  
Prodi of Physics UI, Depok 16424- INDONESIA

Date submitted: 25 Feb 2016

Electronic form version 1.4