

The Basic Research of Bioelectromagnetic Process

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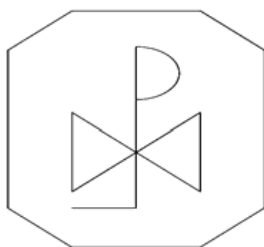
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Preface

The present edition is intended to serve as a basic level research reference in bioelectromagnetic (BEM) for reviewers who may concern. It is assumed that the reviewers already have appropriate background of electromagnetic theory, thermodynamics, and statistic physics. Readers also need to be familiar with cell culture, biochemistry theory, cell biology as well as having several years' research experience in BEM. I carefully organized the basic knowledge and show the bioeffects of the cells *in culture* under ELF-EMF (including RF-EMF and MF-EMF) exposure. Math models for BEM analysis were also discussed in this text.

Hsien Chiao Teng
Chinese Military Academy in Taiwan
July 2005

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