



**EFFECT OF HIGH FREQUENCY RADIATIONS FROM 4G CELL PHONE ON SOME
BIOCHEMICAL ASPECTS OF DEVELOPING CHICK EMBRYO**

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ABSTRACT

In today's modern world, mobile phones are essential tool for communication and other purposes. The mobile phones acts as source of radio-frequency radiations. Electromagnetic waves emitted from cell phones can damage the living cell. The purpose of this work was to study to identify the influencing effects of mobile phone radiations on early developmental stages of chick embryos. This study was an attempt to observe effects of high frequency radiations on protein, fats and lipids of developing chick embryo at 24 hrs, 36 hrs, 48 hrs, 72 hrs and 96 hrs. Incubator, fertilized eggs, and required chemicals were used for the experimental work. Biochemical estimation (protein and carbohydrates) was done in laboratory by using standard methods. It was found that, electromagnetic radiations emitted from mobile phones affects the development of various stages of chick embryo.

Keywords: Electromagnetic frequency (EMF), Egg incubator, Chick embryo, Biochemical estimation.

