

ABOUT THE USE OF AMPHIBIA AS A TEST ANIMAL IN CYTOGENETICS

1- SENSITIVITY OF AMPHIBIA COMMONLY
OCCURRING IN EGYPT TO SOME HEAVY METALS

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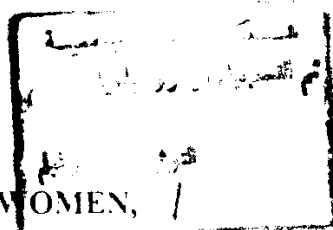
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"CYTOGENETICS"

UNIVERSITY COLLEGE FOR WOMEN,
AIN-SHAMS UNIVERSITY,
CAIRO, EGYPT.

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿وَعَلَّمَكَ مَا لَمْ تَكُن تَعْلَمُ وَكَانَ فَضْلُ اللَّهِ عَلَيْكَ عَظِيمًا﴾

صدق الله العظيم

THE PREMASTER STUDIES

*** Embryology**

*** English language**

*** Histology**

*** Histopathology**

*** Physiology**

*** Statistics**

ABSTRACT

This work aim at the evaluation of the genotoxicity of some heavy metals that common use in industry, through intraperitoneal injection and oral gavage, on the bone - marrow cells of *Bufo regularis* that acts as a non classical laboratory animal in cytogenetics. The evaluation was carried out by the chances for development of micro-nucleated bone-marrow R.B.Cs as well as aberrations in metaphase chromosomes of the dividing bone-marrow cells.

