

**Abstract:**

The research deals with the Microorganisms attacked mural paintings executed by tempra technique and the biodeterioration of these organisms also the interaction of these organisms with the murals.

On the other hand the study explained new methods for treatment the biodeterioration effects by using Gamma rays , Electromagnetic waves low frequency and using anti biotics.

Also the study contain an applied study in Nefer Bau Ptah in Giza and how to treated the biodeterioration of this tomb.

( **Key Words : Mural Paintings- Tempra Technique- Biodeterioration- Gamma Rays- Electro magnetic waves low frequency- Anti biotic )**