



شبكة المعلومات الجامعية  
التوثيق الإلكتروني والميكروفيلم

# بسم الله الرحمن الرحيم



**HANAA ALY**



شبكة المعلومات الجامعية  
التوثيق الإلكتروني والميكروفيلم



# شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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# جامعة عين شمس

## التوثيق الإلكتروني والميكروفيلم

### قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
علي هذه الأقراص المدمجة قد أعدت دون أية تغييرات



### يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



**HANAA ALY**



كلية العلوم – قسم الكيمياء



**Synthesis, Characterization and Microbiological Studies of  
Metal Ion Complexes and Nano Coordinated Complexes of  
Acyclovir Ligand and Schiff Base Ligands  
Derived from Valacyclovir**

*Thesis submitted of the requirement  
of Ph. D. Degree of Science in Chemistry*

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**2021**





كلية العلوم – قسم الكيمياء



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**2021**





كلية العلوم – قسم الكيمياء



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***Presented by***  
**Khadija Milad Ennaas Nassir**  
M.Sc. (Chemistry) 2007

To  
**Chemistry Department  
Faculty of Science  
Ain Shams University**

**2021**





بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿وَقُلْ رَبِّ زِدْنِي عِلْمًا﴾

صَلَّى  
الْعَظِيمِ

سورة طه (آية ١١٤)



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