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Author	Johan Raber	
Title (English)	A Theoretical Study of the Interactions Between Anti-cancer Drug Cisplatin and DNA.	
Title (Swedish)		
Abstract	<p>This work is aimed at qualitatively elucidating the important chemical interactions between anti-cancer drug cisplatin and its target DNA by means of the Quantum Chemical method Density Functional Theory (DFT). The steps prior to cisplatins bonding to DNA have also been investigated and are shown to be feasible from a Quantum Chemical point of view.</p>	
Keywords	Cisplatin, DFT, Quantum Chemistry, DNA, reaction path, transition state.	
Supervisors	Leif A. Eriksson Department of Biochemistry, Uppsala University	
Examiner	David van der Spoel Department of Biochemistry, Uppsala University	
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Biology Education Centre Box 592 S-75124 Uppsala	Biomedical Center Tel +46 (0)18 4710000	Husargatan 3 Uppsala Fax +46 (0)18 555217