



Universiteit  
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## **Biomolecular and epidemiological aspects of human papillomavirus induced cervical carcinogenesis**

Vermeulen, C.F.W.

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**Biomolecular and Epidemiological  
Aspects of Human Papillomavirus  
Induced Cervical Carcinogenesis**

C.F.W. Vermeulen



# **Biomolecular and Epidemiological Aspects of Human Papillomavirus Induced Cervical Carcinogenesis**

**Proefschrift**

ter verkrijging van  
de graad van Doctor aan de Universiteit Leiden,  
op gezag van de Rector Magnificus prof. mr P.F. van der Heijden,  
volgens besluit van het College voor Promoties  
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klokke 15.00 uur

door

**Christine Vermeulen**

geboren te Kockengen  
in 1975

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*Aan papa en mama*

*Voor oma*



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