

**Characterization of the functional  
role of the transketolase-like 1 (TKTL1)  
gene for glucose metabolism, cellular  
growth, and malignant transformation  
in vitro and in vivo**

Dissertation

Submitted to the Faculty of Biosciences  
of The Ruprecht-Karls-Universität Heidelberg, Germany  
for the Degree of  
Doctor of Natural Sciences

Presented by

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Oral examination at July 15<sup>th</sup> 2008

**This thesis was written in the Applied Tumor Virology of the German Cancer Research Centre (DKFZ) Heidelberg in the duration period of Jan 2005 to June 2008 under the supervision of Prof. Dr. Martin Löchelt**

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I herewith declare that I wrote this PhD thesis independently under supervision and used no other sources and aids than those indicated

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**Date**

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**Signature**