

**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

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Presented by  
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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**