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## TNF $\alpha$ -signaling in drug-induced liver injury

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# TNF $\alpha$ -signaling in drug-induced liver injury

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# **TNF $\alpha$ -signaling in drug-induced liver injury**

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**Lisa Emilia Fredriksson**

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in 1984

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The investigations described in this thesis were performed at the Division of Toxicology of the Leiden/Amsterdam Center for Drug Research, Leiden University, Leiden, the Netherlands

*Till mina föräldrar*



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