

The power of connected minds

 **BASF**
We create chemistry



Master Thesis - In Vitro Genotoxicity (m/f/d)

We are the world's leading chemical company because we offer intelligent solutions for our customers and for a sustainable future. We connect and develop people with diverse talents all over the world. For you, this means a variety of ways to advance. Not only your performance but also your personality matter to us, without regard to gender, age, origin, sexual orientation, disability or belief. At BASF, careers develop from opportunities.

Ludwigshafen is the world's largest integrated chemical complex and home to BASF Group headquarters. Located in the heart of Europe's Rhine-Neckar metropolitan region, you will find this to be an attractive place for both work and leisure time.

Learn more about BASF SE at <http://on.basf.com/Headquarters>

What you can expect

In our unit Short-term Toxicology we investigate the effects of substances at the entry points of the body and at molecular targets as well as the uptake of substances into the body, their metabolism and excretion.

- o As a master student you will work on a project to detect and characterize gene mutations in mammalian cells induced by test substances or their metabolites.
- o Therefore, you will use PCR and sequencing techniques in order to characterize gene mutations.
- o You will work in a motivated project team, consisting of skilled lab technicians and lead by an experienced toxicologist.

What we expect

- o You are at the final stage of your studies in life sciences with the focus on molecular-, micro- or cell-biology.
- o Ideally, you already gained knowledge in toxicology or show strong interest.
- o Apart from using the standard IT programmes on a daily basis, you enjoy communicating with your colleagues in English and/or German.
- o On a personal level you enjoy understanding complex matters as well as taking initiative to develop new and innovative approaches.

We offer

From day one you will be part of the BASF family. You will get involved in challenging fields of activity and have the opportunity to work on exciting projects in an interdisciplinary environment. Depending on the location of the respective group company you will get to know BASF and participate in various workshops and guided tours. In this way you will make numerous interesting experiences and get a deep insight into the world's leading chemical company.

Working area:

Research & Development

Location:

BASF SE, Ludwigshafen

Working hours:

Full-time

Contract type:

Thesis

Reference code:

EN58098515_ONLE_1

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