



## ZAFES CURRICULUM (FIRST CORE CURRICULUM) “DRUG RESEARCH & DEVELOPMENT”

The FIRST Core Curriculum (FCC), formerly known as ZAFES-Curriculum, is a job training for young scientists that strive for a career in pharmaceutical industry. It is an integrative part of the FIRST graduate program and obligatory for FIRST doctoral students. More detailed information is given on the FIRST webpage:

[www.firstgradschool.de/courses/core/core-curriculum.php](http://www.firstgradschool.de/courses/core/core-curriculum.php)

A limited number of positions is offered to  
**postdocs of ZAFES-institutes and young scientists from industry!**

### COSTS:

postdocs of ZAFES-institutes:	<b>300</b> Euro for <b>12</b> modules
young scientists from industry:	<b>4000</b> Euro for <b>3</b> modules
	<b>6000</b> Euro for <b>6</b> modules
	<b>12000</b> Euro for <b>12</b> modules

### APPLICATION:

Send a 1 page as word or pdf -file (max 2 MB) including

- a **short CV**
- a **letter of motivation**
- the **intended career**

to [held@pharmchem.uni-frankfurt.de](mailto:held@pharmchem.uni-frankfurt.de)

**Application deadline:**  
**24.01.08**  
**at noon (12:00)**

FIRST Core Curriculum (<http://www.first-gradschool.de/courses/core/core-curriculum.php>)

Module	Date	Topic
1	11./12.Feb.2008	Basics in drug development, production and approval
2	28./29.Feb.2008	Genomics, proteomics and pharmacogenomics in target identification
3	14. March - 08. April 08	Lead identification and optimisation (Excursion to the Bayer Research Centre, Wuppertal)
4	Sept./Oct. 2008	Patent law & Project management
5	Sept./Oct. 2008	GLP, GMP and quality control
6	2009	Pharmacodynamics, Pharmacokinetics
7	2009	Preclinical pharmacology and toxicology, animal models
8	2009	Basics in clinical trials management
9	2009	Advanced clinical trials management
10	2010	Advanced biostatistics
11	2010	Regulatory affairs
12	2010	Business plan, marketing and international trends in drug markets