Module title			Abbreviation
Advanced Laboratory Courses in the Toxicology of Food			08-LMC-WPV1-161-m01

Module coordinator	Module offered by
holder of the Chair of Food Chemistry	Institute of Pharmacy and Food Chemistry

ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--

Duration	Module level	Other prerequisites
1 semester	graduate	--

Contents

Cell culturing techniques, extended toxicity tests (e.g. genotoxicity testing, reporter gene assays).

Intended learning outcomes

Students are able to culture adherent and suspension cells independently. They are able to perform toxicity tests under guidance in order to determine the biological potential of constituents of foods, cosmetics, consumer goods or tobacco products.

Courses (type, number of weekly contact hours, language — if other than German)

P (8)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

lab course assessment components: Vortestate and Nachtestate (pre and post-experiment exams, approx. 15 minutes), assessment and documentation of practical assignments (approx. 10 pages) and written report (5 to 10 pages)
Language of assessment: German or English

Allocation of places

--

Additional information

Pursuant to Section 18 Subsection 2 Sentence 1 Verordnung über die Ausbildung und Prüfung der Staatlich geprüften Lebensmittelchemikerinnen und Lebensmittelchemiker (Regulation on the training and examination of state-certified food chemists, APOLmCh) in conjunction with No. I 5. of Annex 3 of APOLmCh and Section 18 Subsection 3 Sentence 1 APOLmCh. Pursuant to Section 2 Subsection 2 Sentence 2 Verordnung über die Ausbildung und Prüfung der Staatlich geprüften Lebensmittelchemikerinnen und Lebensmittelchemiker (Regulation on the training and examination of state-certified food chemists, APOLmCh) in conjunction with No. II 1. Letter d and No. II 2. Letter g of Annex 1 of APOLmCh.

Workload

150 h

Teaching cycle

--

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Module appears in

Master's degree (1 major) Food Chemistry (2016)