Module title:
Practical Course in Immunology for students of biomedicine

Abbreviation:
03-98-PIM-092-m01

Module coordinator:
holder of the Professorship of Immune Regulation

Module offered by:
Faculty of Medicine

ECTS:
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Method of grading:
umerical grade

Only after succ. compl. of module(s):
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Duration:
1 semester

Module level:
undergraduate

Other prerequisites:
Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.

Contents:
How antigen recognition, uptake and presentation by dendritic cells lead to induction of activation markers, transcription factors, cytokines and proliferation of CD4+ T lymphocytes.

Intended learning outcomes:
The students acquire theoretical and practical knowledge about mechanisms that cells of the innate immune system use to sense pathogens and how this information is translated in the activation of T lymphocytes. They learn fundamental techniques of sterile cell culture, flow cytometry and confocal microscopy analysis techniques and ELISA.

Courses:

P + S (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)

Allocation of places:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes):
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Module appears in:
Bachelor' degree (1 major) Biomedicine (2009)