Subject Area: Advanced Methods in Biotechnology and Biodiversity
Subject: Cyto- and histochemical analysis of embryonic animal tissues
Level: PhD Year: I-IV Semester: 1-2
Speciality: N/A Status: Facultative ECTS: 3
Department(s): Department of Animal Histology and Embryology
Cooperating Department:

Form of teaching (Number of hours; Form of assessment: Exam or Credit)

<table>
<thead>
<tr>
<th>Lectures</th>
<th>Seminars/Conversatoria</th>
<th>Practicals</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 hrs</td>
<td>26 hrs</td>
<td>30 hrs</td>
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</tbody>
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Staff:
SUBJECT COORDINATOR: Prof. Piotr Świątek Ph.D.
LECTURE/CONVERSATORIA: Magdalena Rost-Roszkowska Ph.D.
PRACTICALS: Izabela Poprawa Ph.D., Magdalena Rost-Roszkowska Ph.D., Weronika Rupik Ph.D., Prof. Piotr Świątek Ph.D.

Contents:
LECTURES:
Instruction to cyto- and immunocytochemistry: immunoenzyme, immunofluorescence and EM immunogold labelling.

PRACTICALS:
As material we use animal tissues connected with development as ovaries, testes, developing amphibian eggs etc.

Methods and forms of teaching:
Lectures with projection of slides. Practical training in using cyto- and histochemical methods in developmental biology.

Requirements:

Literature:

Remarks (if necessary):