FORM FOR PRESENTATION OF DISCIPLINES

ACRONYM OF DISCIPLINE: MOT 5738
NAME OF DISCIPLINE: Experimental Analysis of Musculoskeletal Regeneration

PROGRAM/AREA: Orthopedics and Traumatology
AREA No.: 5140
INITIAL VALIDITY (Year/Semester): 1st Semester of 2009
No. OF CREDITS: 03
Theoretical Lessons: - Practical Lessons, Seminars and Others: 12h Hours of Study: 3h
DURATION IN WEEKS: 03 weeks
TEACHER (S) IN CHARGE:
1. Arnaldo José Hernandez
   X Teacher Usp, no. 277204
   External teacher. Date of title obtainment:           Institution:
2. Rames Mattar Junior
   X Teacher Usp, no. 1740533
   External teacher. Date of title obtainment:           Institution: FMUSP
3. ______________________________________________________________________
   External teacher. Date of title obtainment:           Institution:

ACTUAL COSTS OF THE DISCIPLINE: R$ ________________________
(Submit, if pertinent, the budget forecast for the fiscal year on an attached sheet)
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PROGRAM

OBJECTIVES:
Based on the same line of research (Musculoskeletal Regeneration and Repair) this discipline aims to deliver theoretical and pedagogic bases to the students who are developing research projects related to this line, with critical analysis of the papers presented in relation to the methodology employed; Inclusion and exclusion factors; Topicality of the paper; Pertinent literature; Whether the conclusions are compatible with the proposition of the paper; Critical content analysis.

JUSTIFICATION:
Aims to establish a study group between advisors and students who are developing projects along the same line of interest and discussing the papers of greatest impact in PubMed.

CONTENT (SUMMARY):
Presentation of seminar and discussion of research projects and of the papers published in the last 5 years on clinical and experimental assays on fracture consolidation and tendon/muscle regeneration.

BIBLIOGRAPHY:


Bone marrow-derived cell regulation of skeletal muscle regeneration. FASEB J. 2008 Sep 30. [Epub ahead of print].


EVALUATION CRITERIA:

- Presentation of the seminars;
- Active participation in discussions during the seminar presentations;
- 85% of lesson attendance.

OBSERVATIONS:

The disciplines will be taught on Mondays, Tuesdays and Thursdays from 8 a.m. to noon.

Minimum no. of students= 5 students; Maximum no. of students = 20;
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Name of the discipline and person in charge</th>
<th>Contact Hours</th>
<th>Proposed changes</th>
<th>Contact Hours</th>
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<tbody>
<tr>
<td>MOT 5738</td>
<td>Experimental analysis of musculoskeletal regeneration Person in charge: Arnaldo José Hernandez Arnaldo Valdir Zumiotti</td>
<td>4.8.3/3sem./3uc.</td>
<td>Same Person in charge: Arnaldo José Hernandez Rames Mattar Junior</td>
<td>0.12.3/3sem./3uc</td>
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