

CoPGr CURRICULAR CHAMBER

SUBJECTS PRESENTATION FORM

SUBJECT'S ACRONYM: **RNP5775**

SUBJECT'S NAME: Pathogenesis of Immune-mediated Neuropathies

CURRICULUM/AREA: Neurology/17140

FOCAL AREA: Neurology

INITIAL VALIDITY (Year/Semester):

N. OF CREDITS: 04

Theoretical Classes: 02 Practical Classes, Seminars and Others: 08 Hours of Study: 05
DURATION IN WEEKS: 04

PROFESSOR(S) IN CHARGE:

USP Professor, n. 44076 – Amilton Antunes Barreira

USP Professor, n. 93273 – Wilson Marques Junior

External Professor, n. USP, n. 3053054 – Doralina Guimarães Brum Souza

ACTUAL COSTS OF THE SUBJECT: BRL (Presenting, if applicable, the budget foreseen for the year, as an attachment)

PROGRAM

OBJECTIVES:

The purpose is studying the pathogenesis and physiopathology of the immune-mediated neuropathies, study centered in clinical-electrophysiological correlations and on their immune-pathogenesis, according to the state of art in the area.

JUSTIFICATION:

There are gaps on the knowledge of immune-mediated neuropathies which can be solved with methodological tools developed or improved in the last years, to the reach of the Scientific Community. Based on this focus, it is intended to seek the unknown points of these neuropathies' pathogenesis, with the purpose of planning research projects in the area. The investigation in the area can or shall have impact not only over the advance of the knowledge, but also regarding new options of treatment.

CONTENT (SYLLABUS):

THEORETICAL CLASSES

- 1 - Immune system, special characteristics of the peripheral nervous system and interaction between the immune system and the peripheral nervous system – PNS.
- 2 – Important clinical-electrophysiological correlations to know the pathogenesis and physiopathology of immune-mediated neuropathies.
- 3- Effector mechanisms of the immune answer
- 4 - Immunopathogenesis of the chronic inflammatory desmyelinating polyradiculoneuropathy.

SEMINARS

- 1 - Guillain-Barré Syndrome and variants
- 2 - Lewis-Sumner Syndrome
- 3 - Multifocal Motor Neuropathy

- 3 - Brachial plexus autoimmune neuropathy
- 4 – Immunology of a infectious neuropathy: leprosy.
- 5 – Neuropathy at sarcoidosis.
- 6 - Sensory ganglinopathy
- 7 - Neuropathy per paraproteinemia
- 8 - Paraneoplastic neuropathy
- 9 - Neuropathy of collagen vascular diseases.

EVALUATION METHOD:

- Presence and participation in the classes of the course's professors.
- Proper preparation of the seminars and proactive participation on the seminars' discussions.;

NOTES: