



INSTITUTO POLITÉCNICO NACIONAL
SECRETARIA DE INVESTIGACIÓN Y POSGRADO
DIRECCIÓN DE POSGRADO

FORMATO GUÍA PARA REGISTRO DE CURSOS DE PROPÓSITO ESPECÍFICO

Hoja 1 de 16

I. DATOS DEL CURSO DE PROPÓSITO ESPECÍFICO

- 1.1 NOMBRE DEL CURSO O MÓDULO: **INMUNOQUIMICA (INMUNOLOGIA MOLECULAR)**
- 1.2 CLAVE: _____ (Para ser llenado por la SIP)
- 1.3 NÚMERO DE HORAS: 108 hrs/sem TEORÍA PRACTICA T-P
- 1.4 VALOR CURRICULAR: _____ (Para ser llenado por la SIP)
- 1.5 SESIÓN DEL COLEGIO DE PROFESORES EN QUE SE ACORDÓ LA IMPLANTACIÓN DEL CURSO: SESIÓN No. 3ª FECHA:

10	03	15
d	m	a
- 1.6 FECHA DE REGISTRO EN SIP:

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 (Para ser llenado por la SIP)
- 1.7 FECHA DE INICIO:

30	03	15
d	m	a
- 1.8 FECHA DE TERMINACIÓN:

21	07	15
d	m	a
- 1.9 DIRIGIDO A: MEDICOS, VETRINARIOS, QUIMICOS, BIOLOGOS, ODONTOLOGOS Y CARRERAS AFINES
- 1.10 REQUISITOS DE INSCRIPCIÓN: ALUMNOS TITULADOS
- 1.11 RECONOCIMIENTO ACADÉMICO A OTORGAR: DIPLOMA Y CONSTANCIA DE CALIFICACIONES

ANEXAR TRIPTICO O MATERIAL UTILIZADO PARA DIVULGACIÓN

II. DATOS DE LOS EXPOSITORES

- PROFESOR: DR. SERGIO ANTONIO ESTRADA PARRA
- PROCEDENCIA: ENCB
- PROFESOR: DR. ROMMEL CHACÓN SALINAS
- PROCEDENCIA: ENCB

ANEXAR CURRICULUM VITAE DE LOS EXPOSITORES

III. DESCRIPCIÓN DEL CONTENIDO DEL PROGRAMA DE LA ASIGNATURA

III.1 OBJETIVO GENERAL:

INMUNOQUIMICA. EL OBJETIVO PRINCIPAL ES QUE EL ALUMNO TENGA LAS BASES MOLECULARES DE LA RESPUESTA INMUNOLOGICA. EL CURSO DE INMUNOQUIMICA TIENE COMO ANTECEDENTE EL DE INMUNOLOGIA AVANZADA. EN ESTA ASIGNATURA, INMUNOQUIMICA, SE ANALIZAN LOS FENOMENOS INMUNOLOGICOS A NIVEL MOLECULAR. SE CONSERVA EL NOMBRE DE INMUNOQUIMICA POR RAZONES HISTORICAS PERO EL ANALISIS DE LOS MECANISMOS INMUNOLOGICOS ES AL MAS ALTO NIVEL, INVOLUCRANDO EL ESTUDIO MOLECULAR, LA ESTRUCTURA FINA Y LAS INTERACCIONES DE LAS MOLECULAS DE LA RESPUESTA INMUNOLOGICA.

III.2 DESCRIPCIÓN DEL CONTENIDO

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3.- Trabajos de Landsteiner	2
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6.- Antígenos de bacterias	3
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8.- Polisacáridos	3
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11- Lipopolisacáridos	3
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13- Síntesis química de epítomos	3
14- Antígenos y vacunas sintéticas	3
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37- Proteínas de la vía clásica del Complemento II	2
38- Proteínas de la vía alterna del Complemento	3
39- Proteínas de la vía de la lecitina del Complemento	2
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III.3 BIBLIOGRAFIA UTILIZADA EN LA ASIGNATURA

LA BIBLIOGRAFIA UTILIZADA ESTA BASADA EN LAS EDICIONES MAS RECIENTES DE LOS LIBROS DE LA ESPECIALIDAD. SE CONSULTAN MUCHO TAMBIÉN ARTICULOS DE REVISTAS ESPECIALIZADAS DE DONDE SE OBTIENEN TANTO ARTICULOS CIENTIFICOS COMO ARTICULOS DE REVISION. SE CONSULTAN TAMBIEN SERIES QUE CONTIENEN ARTICULOS LARGOS, ESCRITOS POR ESPECIALISTAS, TALES COMO “ADVANCES IN IMMUNOLOGY”, “THE ANTIGENS”, “ANNUAL REVIEW OF IMMUNOLOGY”, ETC. PROFESORES Y ESTUDIANTES RECURRIMOS TAMBIEN A UNA REVISTA ESENCIAL IMPORTANTISIMA QUE SE LLAMA “IMMUNOLOGY TODAY”.

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III.4 PROCEDIMIENTOS O INSTRUMENTOS DE EVALUACIÓN A UTILIZAR

TANTO EL PROFESOR ADJUNTO COMO EL PROFESOR TITULAR ASISTIMOS, A TODAS LAS SESIONES Y LA EVALUACION CONSISTE TANTO EN EL RESULTADO DE LOS EXAMENES, QUE ABARCAN APROXIMADAMENTE CADA UNO,UN TERCIO DEL CURSO, ASI COMO LA PARTICIPACION DEL ALUMNO EN LAS DISCUSIONES Y LA PRESENTACION DE UN TEMA DE REVISION.