



## **HORACIO MERCHAN LARIOS**

### **Datos Generales**

**Nombre:** HORACIO MERCHAN LARIOS

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 63 años

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### **Nombramientos**

**Vigente:** INVESTIGADOR EMERITO TC Definitivo  
Instituto de Investigaciones Biomédicas  
Desde 01-01-2008 (fecha inicial de registros en el SIIA)

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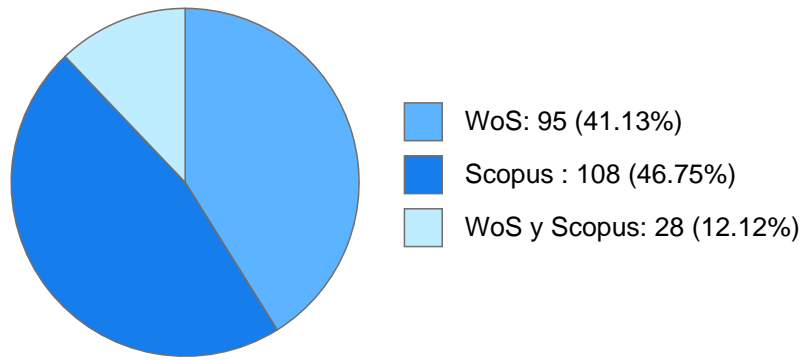
### **Estímulos, programas, premios y reconocimientos**

SNI III - VIGENTE  
PUN Investigación en ciencias naturales 2001

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### DOCUMENTOS EN REVISTAS

#### Histórico de Documentos



#	Título	Autores	Revista	Año
1	Estimating the Sex Ratio of Adult Olive Ridley Turtles in the Mexican Pacific: A Biometric Study	HORACIO MERCHAN LARIOS Martín-Del-campo R. Bielli A. et al.	HERPETOLOGICA L CONSERVATION AND BIOLOGY	2024
2	Gene expression dynamics during temperature-dependent sex determination in a sea turtle	JOSE ALEJANDRO MARMOLEJO VALENCIA HORACIO MERCHAN LARIOS DIEGO CLAUDIO CORTEZ QUEZADA et al.	DEVELOPMENTAL BIOLOGY	2024
3	Steroid Hormone Profiles and Demographic Data for Green Turtles ( <i>Chelonia mydas</i> ) Inhabiting the Mexican Caribbean Coast	HORACIO MERCHAN LARIOS Vázquez-Gómez A.G. Alberto Muñoz Tenería F. et al.	CHELONIAN CONSERVATION AND BIOLOGY	2024
4	Nucleophagy contributes to genome stability through degradation of type II topoisomerases A and B and nucleolar components	MARIA SANDRA CABRERA BENITEZ ADAN OSWALDO GUERRERO CARDENAS HORACIO MERCHAN LARIOS et al.	JOURNAL OF CELL SCIENCE	2023
5	Light and focused ion beam microscopy workflow for resin-embedded tissues	HORACIO MERCHAN LARIOS DAVID MAURICIO GIRALDO GOMEZ JOSE ALEJANDRO MARMOLEJO VALENCIA et al.	Frontiers In Cell And Developmental Biology	2023

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6	Oxidative Stress Is a Potential Cost of Synchronous Nesting in Olive Ridley Sea Turtles	JOSE ALEJANDRO MARMOLEJO VALENCIA HORACIO MERCHAN LARIOS B. Gabriela Arango et al.	Antioxidants	2022
7	Blood oxygen stores of olive ridley sea turtles, <i>Lepidochelys olivacea</i> are highly variable among individuals during arribada nesting	JOSE ALEJANDRO MARMOLEJO VALENCIA HORACIO MERCHAN LARIOS B. Gabriela Arango et al.	JOURNAL OF COMPARATIVE PHYSIOLOGY B-BIOCHEMICAL SYSTEMS AND ENVIRONMENTA L PHYSIOLOGY	2021
8	Developmental Biology in Mexico	HORACIO MERCHAN LARIOS	INTERNATIONAL JOURNAL OF DEVELOPMENTAL BIOLOGY	2021
9	Bisphenol A alters differentiation of Leydig cells in the rabbit fetal testis	ALEXIS PAULINA ORTEGA GARCIA VERONICA DIAZ HERNANDEZ HORACIO MERCHAN LARIOS et al.	INTERNATIONAL JOURNAL OF DEVELOPMENTAL BIOLOGY	2021
10	Fetal and placental infection with SARS-CoV-2 in early pregnancy	ELBA CARRASCO RAMIREZ DAVID MAURICIO GIRALDO GOMEZ SANDRA ACEVEDO GALLEGOS et al.	JOURNAL OF MEDICAL VIROLOGY	2021
11	Molecular and Cellular Mechanisms Underlying Temperature-Dependent Sex Determination in Turtles	HORACIO MERCHAN LARIOS VERONICA DIAZ HERNANDEZ DIEGO CLAUDIO CORTEZ QUEZADA	SEXUAL DEVELOPMENT	2021
12	Spatiotemporal Expression of Foxl2 and Dmrt1 before, during, and after Sex Determination in the Sea Turtle <i>Lepidochelys olivacea</i>	VERONICA DIAZ HERNANDEZ JOSE ALEJANDRO MARMOLEJO VALENCIA HORACIO MERCHAN LARIOS et al.	SEXUAL DEVELOPMENT	2020
13	Pluripotency markers in tissue and cultivated cells in vitro of different regions of human amniotic epithelium	ANAYANSI MOLINA HERNANDEZ WENDY PORTILLO MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ et al.	EXPERIMENTAL CELL RESEARCH	2019
14	Morphological rearrangement of the cortical region, in aging ovaries	VERONICA DIAZ HERNANDEZ IVETTE CALDELAS SANCHEZ LUIS MANUEL MONTAÑO RAMIREZ et al.	HISTOLOGY AND HISTOPATHOLO GY	2019
15	Gene Expression in the Supporting Cells at the Onset of Meiosis in Rabbit Gonads	VERONICA DIAZ HERNANDEZ IVETTE CALDELAS SANCHEZ HORACIO MERCHAN LARIOS	SEXUAL DEVELOPMENT	2019
16	Bisphenol A (BPA) alters the steroidogenic activity of perinatal Leydig cells in rabbit.	ALEXIS PAULINA ORTEGA GARCIA JOSE ALEJANDRO MARMOLEJO VALENCIA VERONICA DIAZ HERNANDEZ et al.	MOLECULAR BIOLOGY OF THE CELL	2018

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17	Ultrastructure of bovine preantral follicles: effect of the slaughterhouse aseptic process on follicular integrity	HORACIO MERCHAN LARIOS Cisneros Prado, Jadiel Leonel Montiel Palacios, Felipe et al.	VETERINARIA MEXICO	2017
18	17 $\beta$ -Estradiol modulates cell proliferation of medullary cords during ovarian differentiation of the <i>Lepidochelys olivacea</i> sea turtle	VERONICA DIAZ HERNANDEZ JOSE ALEJANDRO MARMOLEJO VALENCIA LUIS MANUEL MONTAÑO RAMIREZ et al.	DEVELOPMENTAL BIOLOGY	2017
19	Exogenous estradiol alters gonadal growth and timing of temperature sex determination in gonads of sea turtle	VERONICA DIAZ HERNANDEZ JOSE ALEJANDRO MARMOLEJO VALENCIA HORACIO MERCHAN LARIOS	DEVELOPMENTAL BIOLOGY	2015
20	The human amniotic epithelial cells (ECHA) as a possible source of stem cells (CT)	ANAYANSI MOLINA HERNANDEZ HORACIO MERCHAN LARIOS GarciaLopez, Guadalupe et al.	GACETA MEDICA DE MEXICO	2015
21	A Boolean network model of human gonadal sex determination	SARA FRIAS VAZQUEZ Alfredo Rodriguez SUSANA HELENA KOFMAN EPSTEIN et al.	THEORETICAL BIOLOGY AND MEDICAL MODELLING	2015
22	Lipid Droplet Analysis Using In Vitro Bovine Oocytes and Embryos	E. A. Ordonez Leon HORACIO MERCHAN LARIOS A. Medrano et al.	REPRODUCTION IN DOMESTIC ANIMALS	2014
23	Maternal Protein Restriction During Pregnancy and/or Lactation Negatively Affects Follicular Ovarian Development and Steroidogenesis in the Prepubertal Rat Offspring	CAROLINA GUZMAN ARRIAGA ISABEL CRISTINA MENDEZ HERNANDEZ HORACIO MERCHAN LARIOS et al.	Archives Of Medical Research	2014
24	Expression of aromatase in the embryonic brain of the olive ridley sea turtle ( <i>Lepidochelys olivacea</i> ), and the effect of bisphenol-A in sexually differentiated embryos	HORACIO MERCHAN LARIOS VERONICA DIAZ HERNANDEZ Gómez-Picos P. et al.	INTERNATIONAL JOURNAL OF DEVELOPMENTAL BIOLOGY	2014
25	RNAi-Mediated gene silencing in a gonad organ culture to study sex determination mechanisms in sea turtle	HORACIO MERCHAN LARIOS NORMA ANGELICA MORENO MENDOZA VERONICA DIAZ HERNANDEZ et al.	GENES	2013
26	Environmental sex determination mechanisms in reptiles.	HORACIO MERCHAN LARIOS VERONICA DIAZ HERNANDEZ	SEXUAL DEVELOPMENT	2013
27	Environmental Sex Determination Mechanisms in Reptiles	HORACIO MERCHAN LARIOS VERONICA DIAZ HERNANDEZ	SEXUAL DEVELOPMENT	2013
28	Craniofacial ontogeny in turtles: the role of bone morphogenetic protein in the loss of palatal shelves	J. Abramyan K. J. Leung HORACIO MERCHAN LARIOS et al.	INTEGRATIVE AND COMPARATIVE BIOLOGY	2013

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29	Formation of the genital ridges is preceded by a domain of ectopic Sox9-expressing cells in <i>Lepidochelys olivacea</i>	VERONICA DIAZ HERNANDEZ JOSE ALEJANDRO MARMOLEJO VALENCIA HORACIO MERCHAN LARIOS et al.	DEVELOPMENTAL BIOLOGY	2012
30	Full regeneration of the tribasal <i>Polypterus</i> fin	Rodrigo Cuervo Rocio Hernandez Martinez JESUS CHIMAL MONROY et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2012
31	<i>Trypanosoma cruzi</i> : Multiple actin isoforms are observed along different developmental stages	ANA MARIA CEVALLOS GAOS Yayoi X. Segura Kato HORACIO MERCHAN LARIOS et al.	EXPERIMENTAL PARASITOLOGY	2011
32	In vitro secretion and activity profiles of matrix metalloproteinases, MMP-9 and MMP-2, in human term extra-placental membranes after exposure to <i>Escherichia coli</i>	HORACIO MERCHAN LARIOS FELIPE VADILLO ORTEGA Zaga-Clavellina, Veronica et al.	REPRODUCTIVE BIOLOGY AND ENDOCRINOLOG Y	2011
33	Increased transvascular transport of WGA-peroxidase after chronic perinatal stress in the hippocampal microvasculature of the rat	BEATRIZ GOMEZ GONZALEZ HORACIO MERCHAN LARIOS ALFONSO ESCOBAR IZQUIERDO	INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE	2011
34	Gonadal Morphogenesis and Gene Expression in Reptiles with Temperature-Dependent Sex Determination	HORACIO MERCHAN LARIOS VERONICA DIAZ HERNANDEZ JOSE ALEJANDRO MARMOLEJO VALENCIA	SEXUAL DEVELOPMENT	2010
35	Hox gene expression in the embryonic genital system of the sea turtle <i>Lepidochelys olivacea</i> (Eschscholtz, 1829), a species with temperature-dependent sex determination	HORACIO MERCHAN LARIOS Sifuentes-Romero, Itzel García-Gasca, Alejandra	GENE EXPRESSION PATTERNS	2010
36	Different types of cell death in HEK293 in response to Ad5 infection and environmental factors	HORACIO MERCHAN LARIOS Guadarrama-Perez, V. Peralta-Zaragoza, O. et al.	HUMAN GENE THERAPY	2010
37	Cloning and expression of the estrogen receptor-alpha (Esr1) from the Harderian gland of the sea turtle ( <i>Lepidochelys olivacea</i> )	HORACIO MERCHAN LARIOS Chavez, Bertha Ramos, Luis et al.	GENERAL AND COMPARATIVE ENDOCRINOLOG Y	2009
38	Fbxw15/Fbxo12J is an F-box protein-encoding gene selectively expressed in oocytes of the mouse ovary	HORACIO MERCHAN LARIOS De La Chesnaye, Elsa Kerr, Bredford et al.	BIOLOGY OF REPRODUCTION	2008

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39	Follicular development in the volcano mouse ( <i>Neotomodon alstoni alstoni</i> , Rodentia : Muridae) from birth to maturity: A morphological approach	J. Luis Diaz RENE DE JESUS CARDENAS VAZQUEZ MARIA IRMA VILLALPANDO FIERRO et al.	ACTA ZOOLOGICA	2008
40	Expression profiles of SRY and SOX9 in rabbit gonads: The classical model of mammalian sex differentiation	VERONICA DIAZ HERNANDEZ A. Leon del Río MARIA MAGDALENA ZAMORA FONSECA et al.	SEXUAL DEVELOPMENT	2008
41	Presence and Release of Bovine Sperm Histone H1 During Chromatin Decondensation by Heparin-Glutathione	HORACIO MERCHAN LARIOS Luisa Sanchez-Vazquez, Maria Carlos Flores-Alonso, Juan et al.	SYSTEMS BIOLOGY IN REPRODUCTIVE MEDICINE	2008
42	Functional and morphological effects of repeated sodium arsenite exposure on rat peripheral sensory nerves	BERTHA SEGURA ALEGRIA HORACIO MERCHAN LARIOS García-Chávez E. et al.	JOURNAL OF THE NEUROLOGICAL SCIENCES	2007
43	Evidence of in vitro differential secretion of 72 and 92 kDa type IV collagenases after selective exposure to lipopolysaccharide in human fetal membranes	FELIPE VADILLO ORTEGA HORACIO MERCHAN LARIOS JESUS JORGE BELTRAN MONTOYA et al.	MOLECULAR HUMAN REPRODUCTION	2007
44	In vitro secretion profiles of interleukin (IL)-1beta, IL-6, IL-8, IL-10, and TNF alpha after selective infection with <i>Escherichia coli</i> in human fetal membranes	HORACIO MERCHAN LARIOS FELIPE VADILLO ORTEGA Zaga-Clavellina V. et al.	REPRODUCTIVE BIOLOGY AND ENDOCRINOLOG Y	2007
45	Differential Secretion of Matrix Metalloproteinase-2 and -9 After Selective Infection With Group B Streptococci in Human Fetal Membranes	HORACIO MERCHAN LARIOS FELIPE VADILLO ORTEGA Zaga-Clavellina V. et al.	J SOC GYNECOL INVEST	2006
46	Seasonal effect on Zebu embryo quality as determined by their degree of apoptosis and resistance to cryopreservation	CARLOS SALVADOR GALINA HIDALGO NORMA ANGELICA MORENO MENDOZA HORACIO MERCHAN LARIOS et al.	REPRODUCTION IN DOMESTIC ANIMALS	2005
47	The stringent response is required for amino acid and nitrate utilization, nod factor regulation, nodulation, and nitrogen fixation in <i>Rhizobium etli</i>	MARIA GISELA DU PONT DE LARA ALEJANDRO HUERTA SAQUERO HORACIO MERCHAN LARIOS et al.	JOURNAL OF BACTERIOLOGY	2005
48	Gubernacular fibroblasts express the androgen receptor during testis descent in cryptorchid rats treated with human chorionic gonadotrophin	ROSA MARIA VIGUERAS VILLASEÑOR NORMA ANGELICA MORENO MENDOZA HORACIO MERCHAN LARIOS et al.	UROL RES	2004

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49	Disturbed Expression of Sox9 in Pre-Sertoli Cells Underlies Sex-Reversal in Mice B6.Ytir1	NORMA ANGELICA MORENO MENDOZA LEDA CAROLINA TORRES MALDONADO JESUS CHIMAL MONROY et al.	BIOLOGY OF REPRODUCTION	2004
50	Conduction failure of action potentials in sensory sural nerves of undernourished rats	BERTHA SEGURA ALEGRIA HORACIO MERCHAN LARIOS LEON FEDERICO CINTRA MC GLONE et al.	NEUROSCIENCE LETTERS	2004
51	Cell aggregation precedes the onset of Sox9-expressing preSertoli cells in the genital ridge of mouse	NORMA ANGELICA MORENO MENDOZA HORACIO MERCHAN LARIOS Harley V.	CYTOGENETIC AND GENOME RESEARCH	2003
52	c-fos and estrogen receptor gene expression pattern in the rat uterine epithelium during the estrous cycle	CARMEN ADRIANA MENDOZA RODRIGUEZ HORACIO MERCHAN LARIOS MARIA DE LOURDES SEGURA VALDEZ et al.	MOLECULAR REPRODUCTION AND DEVELOPMENT	2003
53	Expression of p53 in luminal and glandular epithelium during the growth and regression of rat uterus during the estrous cycle	CARMEN ADRIANA MENDOZA RODRIGUEZ HORACIO MERCHAN LARIOS MARIA DE LOURDES SEGURA VALDEZ et al.	MOLECULAR REPRODUCTION AND DEVELOPMENT	2002
54	Heparin-glutathione III: Study with fluorescent probes as indicators of membrane status of bull sperm	HORACIO MERCHAN LARIOS Reyes R. Martinez J.C. et al.	ARCHIVES OF ANDROLOGY	2002
55	Male contraception, IV: Hypotonic-like effect from Echeveria gibbiflora on human sperm	HORACIO MERCHAN LARIOS ALFREDO ROBERTO ORTEGA HERNANDEZ Reyes R. et al.	ARCHIVES OF ANDROLOGY	2002
56	Effect of perinatal food deficiencies on the compound action potential evoked in sensory nerves of developing rats	BERTHA SEGURA ALEGRIA HORACIO MERCHAN LARIOS LEON FEDERICO CINTRA MC GLONE et al.	NUTRITIONAL NEUROSCIENCE	2001
57	Timing of SOX9 downregulation and female sex determination in gonads of the sea turtle Lepidochelys olivacea	LEDA CAROLINA TORRES MALDONADO NORMA ANGELICA MORENO MENDOZA ABRAHAM LANDA PIEDRA et al.	J EXP ZOOL	2001
58	Nucleons II: Cryopreservation and metabolic activity	HORACIO MERCHAN LARIOS Reyes R. Flores-Alonso J.C. et al.	ARCHIVES OF ANDROLOGY	2001
59	Temperature regulates SOX9 expression in cultured gonads of Lepidochelys olivacea, a species with temperature sex determination	NORMA ANGELICA MORENO MENDOZA HORACIO MERCHAN LARIOS Harley V.R.	DEVELOPMENTAL BIOLOGY	2001
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62	Heparin and glutathione II: Correlation between decondensation of bull sperm cells and its nucleons	HORACIO MERCHAN LARIOS Delgado N.M. Flores-Alonso J.C. et al.	ARCHIVES OF ANDROLOGY	2001
63	Release of taurine in apoptotic cerebellar granule neurons in culture	HORACIO MERCHAN LARIOS HERMINIA PASANTES ORDOÑEZ Morán J. et al.	PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY	2000
64	Human tumor growth is inhibited by a vaccinia virus carrying the E2 gene of bovine papillomavirus	VIVIANA DEL CARMEN VALADEZ GRAHAM MARCO ANTONIO JOSE VALENZUELA ALEJANDRO MANUEL GARCIA CARRANCA et al.	CANCER	2000
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69	Differential expression of SOX9 in gonads of the sea turtle <i>Lepidochelys olivacea</i> at male- or female-promoting temperatures	NORMA ANGELICA MORENO MENDOZA HORACIO MERCHAN LARIOS Harley V.R.	J EXP ZOOL	1999
70	Acetylcholinesterase-positive innervation is present at undifferentiated stages of the sea turtle <i>Lepidochelys olivacea</i> embryo gonads: Implications for temperature-dependent sex determination	GABRIEL GUTIERREZ OSPINA NORMA ANGELICA MORENO MENDOZA FERNANDO ALEJANDRO BARRIOS ALVAREZ et al.	JOURNAL OF COMPARATIVE NEUROLOGY	1999
71	Effects of a purified fraction from <i>Echeveria gibbiflora</i> aqueous crude extract on guinea-pig spermatozoa	ALFREDO ROBERTO ORTEGA HERNANDEZ HORACIO MERCHAN LARIOS Delgado N.M. et al.	PHYTOTHERAPY RESEARCH	1999



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72	DNA unpacking in guinea pig sperm chromatin by heparin and reduced glutathione	HORACIO MERCHAN LARIOS Sánchez-Vázquez M.L. Reyes R. et al.	ARCHIVES OF ANDROLOGY	1998
73	Primary neural precursors and intermitotic nuclear migration in the ventricular zone of adult canaries	HORACIO MERCHAN LARIOS Alvarez-Buylla A. Garcia-Verdugo J.M. et al.	JOURNAL OF NEUROSCIENCE	1998
74	Response of diencephalon but not the gonad to female-promoting temperature with elevated estradiol levels in the sea turtle <i>Lepidochelys olivacea</i>	NORMA ANGELICA MORENO MENDOZA HORACIO MERCHAN LARIOS Salame-Mendez A. et al.	J EXP ZOOLOG	1998
75	Mesonephric stromal cells differentiate into Leydig cells in the mouse fetal testis	HORACIO MERCHAN LARIOS NORMA ANGELICA MORENO MENDOZA	EXPERIMENTAL CELL RESEARCH	1998
76	Interactions between the oocyte and cumulus cells in the ovary of the B6.Y(TIR) sex-reversed female mouse	HORACIO MERCHAN LARIOS Vanderhyden B.C. Macdonald E.A. et al.	BIOLOGY OF REPRODUCTION	1997
77	Contraceptive effect on male rats after oral administration of <i>Kalanchoe blossfeldiana</i> Crassulaceae plant aqueous crude extract	HORACIO MERCHAN LARIOS Huacuja R.L. Puebla A.M. et al.	Advances In Contraceptive Delivery Systems	1997
78	Isolation and characterization of <i>Rhizobium etli</i> mutants altered in degradation of asparagine	MARIA GISELA DU PONT DE LARA HORACIO MERCHAN LARIOS JORGE CALDERON ESPINOSA DE LOS MONTEROS et al.	JOURNAL OF BACTERIOLOGY	1997
79	Correlation among thermosensitive period, estradiol response, and gonad differentiation in the sea turtle <i>Lepidochelys olivacea</i>	HORACIO MERCHAN LARIOS NORMA ANGELICA MORENO MENDOZA JOSE ALEJANDRO MARMOLEJO VALENCIA et al.	GENERAL AND COMPARATIVE ENDOCRINOLOGY	1997
80	Effect of heparin-reduced glutathione on hamster sperm DNA unpacking and nuclear swelling	HORACIO MERCHAN LARIOS Reyes R. Sanchez-Vazquez M.L. et al.	ARCHIVES OF ANDROLOGY	1996
81	Differential decondensation of class I (rat) and class II (mouse) spermatozoa nuclei by physiological concentrations of heparin and glutathione	HORACIO MERCHAN LARIOS Sánchez-Vázquez M.L. Reyes R. et al.	ARCHIVES OF ANDROLOGY	1996
82	Limb bud mesenchyme permits seminiferous cord formation in the mouse fetal testis but subsequent testosterone output is markedly affected by the sex of the donor stromal tissue	NORMA ANGELICA MORENO MENDOZA HORACIO MERCHAN LARIOS Herrera-Munoz J.	DEVELOPMENTAL BIOLOGY	1995
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86	Somatic and germ cell interactions during histogenetic aggregation of mouse fetal testes	DIANA MARIA ESCALANTE ALCALDE HORACIO MERCHAN LARIOS	EXPERIMENTAL CELL RESEARCH	1992
87	Testicular differentiation in mammals under normal and experimental conditions	HORACIO MERCHAN LARIOS Taketo T.	Journal Of Electron Microscopy Technique	1991
88	Effect of temperature on gonadal sex differentiation in the sea turtle <i>Lepidochelys olivacea</i> : An organ culture study	HORACIO MERCHAN LARIOS MARIA IRMA VILLALPANDO FIERRO	J EXP ZOOL	1990
89	Determination of the sensitive stages for gonadal sex-reversal in <i>Xenopus laevis</i> tadpoles	MARIA IRMA VILLALPANDO FIERRO HORACIO MERCHAN LARIOS	INTERNATIONAL JOURNAL OF DEVELOPMENTAL BIOLOGY	1990
90	Antigen-induced antigen endocytosis in primitive reticular cells of connective tissue of innervated and denervated skeletal muscle from the allergized guinea pig.	HORACIO MERCHAN LARIOS Alonso-deFlorida F. Gutiérrez López A.	Boletín De Estudios Médicos Y Biológicos	1989
91	Development and fertility of ovaries in the B6.Y(DOM) sex-reversed female mouse	MARIA IRMA VILLALPANDO FIERRO HORACIO MERCHAN LARIOS Taketo-Hosotani T. et al.	Development	1989
92	The ontogeny of primordial follicles in the mouse ovary.	HORACIO MERCHAN LARIOS JESUS CHIMAL MONROY	Progress in clinical and biological research	1989
93	Gonadal sex reversal of fetal mouse ovaries following transplantation into adult mice.	HORACIO MERCHAN LARIOS Taketo T.	Progress in clinical and biological research	1986
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96	Testicular cell differentiation in fetal mouse ovaries following transplantation into adult male mice	HORACIO MERCHAN LARIOS Taketo-Hosotani T. Thau R.B. et al.	J EXP ZOOL	1985
97	Induction of Testicular Differentiation in the Fetal Mouse Ovary by Transplantation into Adult Male Mice	HORACIO MERCHAN LARIOS Taketo T. Koide S.S.	P SOC EXP BIOL MED	1984
98	Induction of testicular development in the fetal mouse ovary	HORACIO MERCHAN LARIOS Taketo T. Koide S.S.	ANNALS OF THE NEW YORK ACADEMY OF SCIENCES	1984
99	Early morphogenesis of chick gonad in the absence of mesonephros	HORACIO MERCHAN LARIOS Popova L. Reyss-Brion M.	DEVELOPMENT GROWTH & DIFFERENTIATION	1984
100	Collagen organization in two skeletal muscles of the guinea-pig	MIGUEL ANGEL MORALES MENDOZA HORACIO MERCHAN LARIOS Silva L. et al.	Federation Proceedings	1984
101	Evidence that extracellular glycoconjugates interact with prolactin granules during exocytosis in lactating rat adenohypophyses	HORACIO MERCHAN LARIOS FLAVIO MANUEL MENA JARA	Journal Of Ultrastructure Research	1982
102	Sexual differentiation. I. Biological basis of sexual dimorphism [Diferenciación sexual. I. Bases biológicas del dimorfismo sexual.]	HORACIO MERCHAN LARIOS Kofman-Alfaro S. Pérez-Palacios G.	REVISTA DE INVESTIGACION CLINICA-CLINICAL AND TRANSLATIONAL INVESTIGATION	1982
103	Morphogenesis of the ovary from the sterile W/Wv mouse.	HORACIO MERCHAN LARIOS Centeno B.	Progress in clinical and biological research	1981
104	Ultrastructural events during early gonadal development in Rana pipiens and Xenopus laevis	HORACIO MERCHAN LARIOS MARIA IRMA VILLALPANDO FIERRO	ANAT REC	1981
105	The effects of pig follicular fluid upon the ultrastructure of rat granulosa cells in tissue culture	HORACIO MERCHAN LARIOS Bernard J.	Reproduction Nutrition Developpement	1980

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107	Ultrastructural events in horse gonadal morphogenesis	HORACIO MERCHAN LARIOS	J REPROD FERTIL	1979
108	Origin of the somatic cells in the rat gonad: An autoradiographic approach	HORACIO MERCHAN LARIOS	Annales De Biologie Animale, Biochimie, Biophysique	1979
109	The effect of busulfan on rat primordial germ cells at the ultrastructural level	HORACIO MERCHAN LARIOS Coello J.	Cell Differentiation	1979
110	A simplified method for microperfusion of mammalian embryos	HORACIO MERCHAN LARIOS Coello J.	Boletín De Estudios Médicos Y Biológicos	1978
111	The onset of testicular differentiation in the rat: An ultrastructural study	HORACIO MERCHAN LARIOS	American Journal Of Anatomy	1976

## HORACIO MERCHAN LARIOS

### LIBROS Y CAPITULOS CON ISBN

#### Obras con registro ISBN

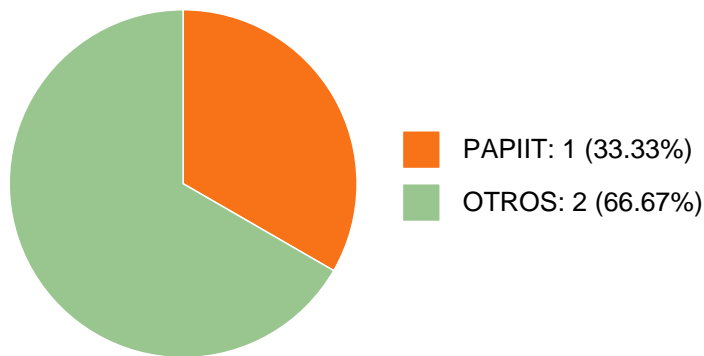


#	Título	Autores	Alcance	Año	ISBN
1	Células Troncales: Biología y Aplicaciones en Biomedicina	HORACIO MERCHAN LARIOS	Capítulo de un Libro	2017	9786078341467
2	BIOLOGÍA GENERAL	HORACIO MERCHAN LARIOS JOSE ALEJANDRO MARMOLEJO VALENCIA	Capítulo de un Libro	2015	9786077440949
3	Gonadal Development	HORACIO MERCHAN LARIOS	Capítulo de un Libro	2011	9788178955063
4	Gónadas, células germinales y células troncales	HORACIO MERCHAN LARIOS	Capítulo de un Libro	2011	9786070225680

## HORACIO MERCHAN LARIOS

### PARTICIPACIÓN EN PROYECTOS

#### Histórico de participación en proyectos

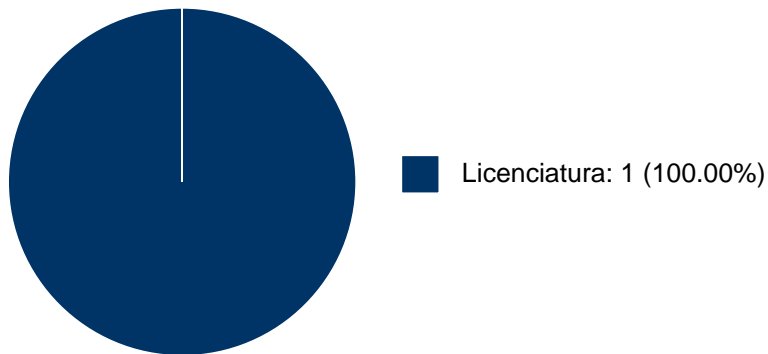


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Factores Genéticos y Epigenéticos involucrados en la determinación sexual de la tortuga marina lepidochelys olivacea	HORACIO MERCHAN LARIOS	Recursos PAPIIT	01-01-2018	31-12-2020
2	Mecanismos moleculares involucrados de la determinación sexual por temperatura en la tortuga marina Lepidochelys olivacea: Implicaciones para la conservación de las tortugas marinas.	HORACIO MERCHAN LARIOS DIEGO CLAUDIO CORTEZ QUEZADA MAYRA FURLAN MAGARIL	Recursos CONAHCyT	01-01-2022	19-10-2023
3	Mecanismos moleculares involucrados en la determinación sexual por temperatura en la tortuga marina lepidochelys olivacea: implicaciones para conservación de las tortugas	HORACIO MERCHAN LARIOS	Recursos CONAHCyT	01-01-2023	19-10-2023

**HORACIO MERCHAN LARIOS**

**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**

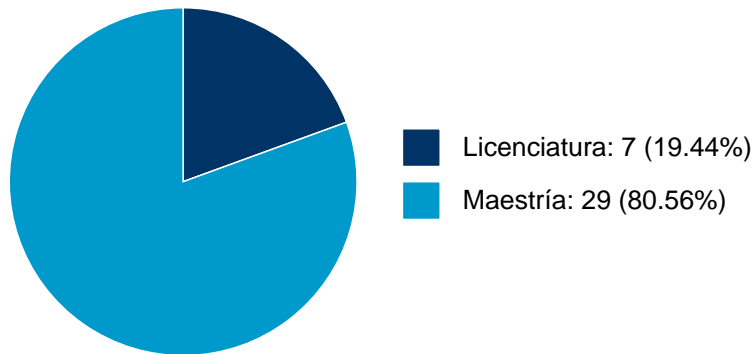


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Efecto del calor metabólico sobre la proporción de sexos y supervivencia de nidos trasplantados de <i>Lepidochelys olivacea</i> en la playa Morro Ayuta, Oaxaca, México	Tesis de Licenciatura	HORACIO MERCHAN LARIOS,	Colín Hidalgo, Eduardo Eleuterio,	Instituto de Investigaciones Biomédicas,	2022

## HORACIO MERCHAN LARIOS

### DOCENCIA IMPARTIDA

#### Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TRABAJO DE INVESTIGACION IV	Facultad de Ciencias	1	2018-2
2	Maestría	TEMAS SELECTOS,BIOLOGIA DEL DESARROLLO EN VERTEBRADOS	Facultad de Ciencias	1	2018-1
3	Maestría	TEMAS SELECTOS,BIOLOGIA DEL DESARROLLO EN VERTEBRADOS	Facultad de Ciencias	1	2018-1
4	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Ciencias	1	2018-1
5	Maestría	TRABAJO DE INVESTIGACION I-393705	Facultad de Ciencias	1	2017-1
6	Maestría	TRABAJO DE INVESTIGACION III-393889	Facultad de Ciencias	1	2017-1
7	Maestría	TEMAS SELECTOS-394031	Facultad de Ciencias	2	2017-1
8	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Ciencias	1	2016-2
9	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Ciencias	1	2016-1
10	Maestría	TRABAJO DE INVESTIGACION I	Facultad de Ciencias	1	2016-1
11	Maestría	SEMINARIO DE INVESTIGACION III	Facultad de Química	1	2015-2
12	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Química	1	2015-2
13	Maestría	SEMINARIO DE INVESTIGACION II	Facultad de Química	1	2015-1
14	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Química	1	2015-1
15	Maestría	TRABAJO DE INVESTIGACION I	Facultad de Química	1	2014-2
16	Maestría	SEMINARIO DE INVESTIGACION I	Facultad de Química	1	2014-2
17	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Medicina Veterinaria y Zootecnia	1	2014-1
18	Licenciatura	INTEGRACION BASICO CLINICA I	Facultad de Medicina	40	2014-0
19	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Medicina Veterinaria y Zootecnia	1	2013-2



## HORACIO MERCHAN LARIOS

20	Maestría	TRABAJO DE INVESTIGACION I	Facultad de Medicina Veterinaria y Zootecnia	1	2013-1
21	Maestría	SEMINARIO DE INVESTIGACION III	Facultad de Química	1	2013-1
22	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Química	1	2013-1
23	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Química	1	2012-2
24	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Química	1	2012-2
25	Maestría	SEMINARIO DE INVESTIGACION II	Facultad de Química	1	2012-2
26	Maestría	SEMINARIO DE INVESTIGACION III	Facultad de Química	1	2012-2
27	Maestría	SEMINARIO DE INVESTIGACION II	Facultad de Química	1	2012-1
28	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Química	1	2012-1
29	Maestría	TRABAJO DE INVESTIGACION I	Facultad de Química	1	2011-2
30	Maestría	SEMINARIO DE INVESTIGACION I	Facultad de Química	1	2011-2
31	Licenciatura	TRABAJO DE INVESTIGACION 8	Facultad de Medicina	1	2010-2
32	Licenciatura	TRABAJO DE INVESTIGACION 7	Facultad de Medicina	1	2010-1
33	Licenciatura	TRABAJO DE INVESTIGACION 2	Facultad de Medicina	1	2009-2
34	Licenciatura	TRABAJO DE INVESTIGACION 6	Facultad de Medicina	1	2009-2
35	Licenciatura	TRABAJO DE INVESTIGACION 1	Facultad de Medicina	1	2009-1
36	Licenciatura	TRABAJO DE INVESTIGACION 5	Facultad de Medicina	1	2009-1



**Sistema Integral de Información Académica**  
**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
**Reporte individual**



**HORACIO MERCHAN LARIOS**

**PATENTES**

**No se encuentran registros en la base de datos de patentes asociados a:**

**HORACIO MERCHAN LARIOS**

## HORACIO MERCHAN LARIOS

### FUENTES DE INFORMACIÓN

#### Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

#### Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024