



## **RAUL ANTONIO AGUILAR ROBLERO**

### **Datos Generales**

**Nombre:** RAUL ANTONIO AGUILAR ROBLERO

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 44 años

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### **Nombramientos**

**Último:** INVESTIGADOR TITULAR C TC Definitivo  
Instituto de Fisiología Celular  
Desde 01-01-2008 (fecha inicial de registros en el SIIA) hasta 15-09-2024  
PROFESOR ASIGNATURA A TP Definitivo  
Facultad de Medicina  
Desde 01-01-2008 (fecha inicial de registros en el SIIA) hasta 15-09-2024

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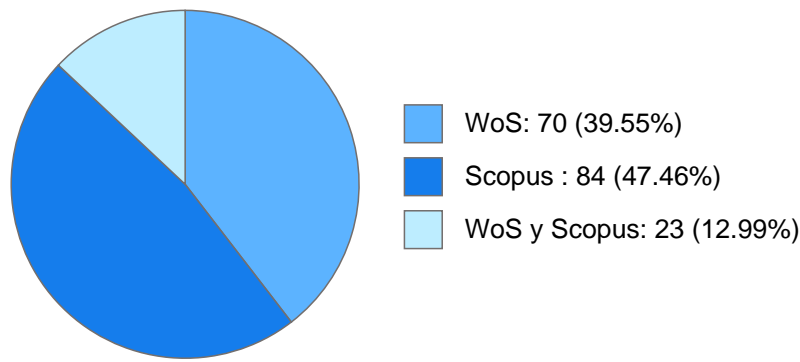
### **Estímulos, programas, premios y reconocimientos**

SNI III - 2024  
PRIDE C 2012 - 2024  
PRIDE Fijo 2009 - 2012  
PRIDE D - 2009

## RAUL ANTONIO AGUILAR ROBLERO

### DOCUMENTOS EN REVISTAS

#### Histórico de Documentos



#	Título	Autores	Revista	Año
1	Age-, region-, and day/night-related variation of the chloride reversal potential in the rat suprachiasmatic nucleus	RAUL ANTONIO AGUILAR ROBLERO Osuna-Lopez F. Herrera-Zamora J.M. et al.	JOURNAL OF NEUROSCIENCE RESEARCH	2024
2	THERAPEUTIC OUTCOME WHEN SHIFTING FROM LONG-TERM FIXEDPRESSURE CPAP TO AUTO-ADJUSTING CPAP	RAUL ANTONIO AGUILAR ROBLERO L. Rosenthal	SLEEP MEDICINE	2024
3	Altered Light Sensitivity of Circadian Clock in Shank3(+/-) Mouse	YAZMIN RAMIRO CORTES ALEXANDRA MEJIA LOPEZ RAUL ANTONIO AGUILAR ROBLERO et al.	FRONTIERS IN NEUROSCIENCE	2021
4	Cerebellar spongiform degeneration is accompanied by metabolic, cellular, and motor disruption in male rats with portacaval anastomosis	ANDRES QUINTANAR STEPHANO SARAEL ALCAUTER SOLORZANO ROGELIO HERNANDEZ PANDO et al.	JOURNAL OF NEUROSCIENCE RESEARCH	2021
5	Behavioral, neuroendocrine and physiological indicators of the circadian biology of male and female rabbits	RAUL ANTONIO AGUILAR ROBLERO González-Mariscal G.	EUROPEAN JOURNAL OF NEUROSCIENCE	2020
6	Development-Dependent Changes in the NR2 Subtype of the N-Methyl-D-Aspartate Receptor in the Suprachiasmatic Nucleus of the Rat	RAUL ANTONIO AGUILAR ROBLERO J. Manuel Herrera-Zamora Luis A. Castro-Sanchez et al.	JOURNAL OF BIOLOGICAL RHYTHMS	2019

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7	How shall we proceed?	RAUL ANTONIO AGUILAR ROBLERO	BIOLOGICAL RHYTHM RESEARCH	2019
8	The homeostatic feeding response to fasting is under chronostatic control	RAUL ANTONIO AGUILAR ROBLERO Rivera-Estrada D. Alva-Sánchez C. et al.	CHRONOBIOLOGY INTERNATIONAL	2018
9	Differential activation of arginine-vasopressin receptor subtypes in the amygdaloid modulation of anxiety in the rat by arginine-vasopressin	MINERVA CRESPO RAMIREZ LIMEI ZHANG JI GABRIEL ROLDAN ROLDAN et al.	Psychopharmacology	2018
10	Expression of Gas1 in Mouse Brain: Release and Role in Neuronal Differentiation	PATRICIA VERGARA ARAGON RAUL ANTONIO AGUILAR ROBLERO Bautista E. et al.	CELLULAR AND MOLECULAR NEUROBIOLOGY	2018
11	Calcium-regulated chloride channel anoctamin-1 is present in the suprachiasmatic nuclei of rats	RAUL ANTONIO AGUILAR ROBLERO ALEXANDRA MEJIA LOPEZ JOSE LUIS CHAVEZ JUAREZ et al.	Neuroreport	2018
12	Bilateral lesions of the paraventricular hypothalamic nucleus disrupt nursing behavior in rabbits	RAUL ANTONIO AGUILAR ROBLERO Dominguez, Miguel Gonzalez-Mariscal, Gabriela	EUROPEAN JOURNAL OF NEUROSCIENCE	2017
13	Dopamine D1 receptor activity is involved in the increased anxiety levels observed in STZ-induced diabetes in rats	RAUL ANTONIO AGUILAR ROBLERO MINERVA CRESPO RAMIREZ MIGUEL ANGEL PEREZ DE LA MORA et al.	BEHAVIOURAL BRAIN RESEARCH	2016
14	Ryanodine-sensitive intracellular Ca <sup>2+</sup> channels are involved in the output from the SCN circadian clock	RAUL ANTONIO AGUILAR ROBLERO GERMAN ADRIAN BAEZ RUIZ MAURICIO DIAZ MUÑOZ et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2016
15	The anterior paraventricular thalamus modulates neuronal excitability in the suprachiasmatic nuclei of the rat	RAUL ANTONIO AGUILAR ROBLERO Alamilla, Javier GranadosFuentes, Daniel	EUROPEAN JOURNAL OF NEUROSCIENCE	2015
16	Performance in working memory and attentional control is associated with the rs2180619 SNP in the CNR1 gene	ALEJANDRA EVELYN RUIZ CONTRERAS I. Ortega Mora M. A. Barrera Tlapa et al.	GENES BRAIN AND BEHAVIOR	2014
17	Circadian modulation of the Cl <sup>-</sup> equilibrium potential in the rat suprachiasmatic nuclei	Javier Alamilla Azucena Perez Burgos Daniel Quinto et al.	BIOMED RESEARCH INTERNATIONAL	2014
18	Aging process entrainment: Suprachiasmatic nucleus and pineal gland	CARLOS CASTILLO RANGEL RAUL ANTONIO AGUILAR ROBLERO Guadarrama-Ortiz P. et al.	International Journal Of Morphology	2014
19	Diurnal and nutritional adjustments of intracellular Ca <sup>2+</sup> release channels and Ca <sup>2+</sup> ATPases associated with restricted feeding schedules in the rat liver	GERMAN ADRIAN BAEZ RUIZ EVA OLIVIA VAZQUEZ MARTINEZ RAUL ANTONIO AGUILAR ROBLERO et al.	Journal of Circadian Rhythms	2013

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20	Development of retinal projections and response to photic input in the suprachiasmatic nucleus of New Zealand White Rabbits	RAUL ANTONIO AGUILAR ROBLERO Juarez, Claudia Morgado, Elvira et al.	BRAIN RESEARCH	2013
21	Endocannabinoid/GABA interactions in the entopeduncular nucleus modulates alcohol intake in rats	MONICA MENDEZ DIAZ Seraid Caynas Rojas David Gomez Armas et al.	BRAIN RESEARCH BULLETIN	2013
22	Entopeduncular nucleus endocannabinoid system modulates sleep-waking cycle and mood in rats	MONICA MENDEZ DIAZ Seraid Caynas Rojas Vianney Arteaga Santacruz et al.	PHARMACOLOGY AND BEHAVIOR	2013
23	Litter size determines circadian periodicity of nursing in rabbits	RAUL ANTONIO AGUILAR ROBLERO Gonzalez-Mariscal, Gabriela Celia Lemus, Ana et al.	CHRONOBIOLOGY INTERNATIONAL	2013
24	Growth Arrest Specific 1 (GAS1) is Abundantly Expressed in the Adult Mouse Central Nervous System	RAUL ANTONIO AGUILAR ROBLERO Zarco, Natanael Bautista, Elizabeth et al.	JOURNAL OF HISTOCHEMISTRY & CYTOCHEMISTRY	2013
25	Glutamate and GABA Neurotransmission from the Paraventricular Thalamus to the Suprachiasmatic Nuclei in the Rat	Javier Alamilla RAUL ANTONIO AGUILAR ROBLERO	JOURNAL OF BIOLOGICAL RHYTHMS	2010
26	Chronostatic adaptations in the liver to restricted feeding: The FEO as an emergent oscillator	RAUL ANTONIO AGUILAR ROBLERO MAURICIO DIAZ MUÑOZ	SLEEP AND BIOLOGICAL RHYTHMS	2010
27	RESTRICTED FEEDING ENTRAINS RHYTHMS OF INFLAMMATION-RELATED FACTORS WITHOUT PROMOTING AN ACUTE-PHASE RESPONSE	Dalia Luna Moreno RAUL ANTONIO AGUILAR ROBLERO MAURICIO DIAZ MUÑOZ	CHRONOBIOLOGY INTERNATIONAL	2009
28	Ryanodine-Sensitive Intracellular Ca <sup>2+</sup> Channels in Rat Suprachiasmatic Nuclei Are Required for Circadian Clock Control of Behavior	Clara Mercado MAURICIO DIAZ MUÑOZ Javier Alamilla et al.	JOURNAL OF BIOLOGICAL RHYTHMS	2009
29	Ryanodine receptor Ca <sup>2+</sup> -release channels are an output pathway for the circadian clock in the rat suprachiasmatic nuclei	RAUL ANTONIO AGUILAR ROBLERO JUAN ANTONIO LAVILLE CONDE MAURICIO DIAZ MUÑOZ et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2007
30	From neuronal recovery to the reorganisation of neuronal circuits: A review of the functions of sleep [De la restauración neuronal a la reorganización de los circuitos neuronales: Una aproximación a las funciones del sueño]	CORINNE JENNIFER MONTES RODRIGUEZ RAUL ANTONIO AGUILAR ROBLERO OSCAR PROSPERO GARCIA et al.	REVISTA DE NEUROLOGIA	2006

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31	Circadian and photic-induced expression of Fos protein in the suprachiasmatic nucleus of the rabbit	RAUL ANTONIO AGUILAR ROBLERO Toledo R. Canchola E. et al.	BIOLOGICAL RHYTHM RESEARCH	2005
32	Metabolic adaptations of liver mitochondria during restricted feeding schedules	GERMAN ADRIAN BAEZ RUIZ CAROLINA ESCOBAR BRIONES RAUL ANTONIO AGUILAR ROBLERO et al.	AM J PHYSIOL-GASTROENTEROL	2005
33	Dissociation between adipose tissue signals, behavior and the food-entrained oscillator	ALBERTO MANUEL ANGELES CASTELLANOS MAURICIO DIAZ MUÑOZ RAUL ANTONIO AGUILAR ROBLERO et al.	JOURNAL OF ENDOCRINOLOGY	2004
34	c-Fos expression in hypothalamic nuclei of food-entrained rats	ALBERTO MANUEL ANGELES CASTELLANOS RAUL ANTONIO AGUILAR ROBLERO CAROLINA ESCOBAR BRIONES	AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY, INTEGRATIVE AND COMPARATIVE PHYSIOLOGY	2004
35	Diurnal variations of extrapyramidal symptoms induced by haloperidol in schizophrenic subjects	RAUL ANTONIO AGUILAR ROBLERO Torner C. Herrera-Estrella M. et al.	INTERNATIONAL JOURNAL OF NEUROPSYCHOPHARMACOLOGY	2003
36	Liver 5'-deiodinase activity is modified in rats under restricted feeding schedules: Evidence for post-translational regulation	CARMEN YOLANDA ACEVES VELASCO EVA OLIVIA VAZQUEZ MARTINEZ RAUL ANTONIO AGUILAR ROBLERO et al.	JOURNAL OF ENDOCRINOLOGY	2003
37	Restricted Feeding Schedules Modulate Free-running Drinking Activity in Malnourished Rats	RAUL ANTONIO AGUILAR ROBLERO LETICIA PARRA GAMEZ CAROLINA ESCOBAR BRIONES et al.	BIOLOGICAL RHYTHM RESEARCH	2003
38	Daily epinephrine but not norepinephrine administration produces anticipatory drinking behavior in rats	RAUL ANTONIO AGUILAR ROBLERO MAURICIO DIAZ MUÑOZ CAROLINA ESCOBAR BRIONES et al.	BIOLOGICAL RHYTHM RESEARCH	2003
39	Role of cholecystokinin-A and cholecystokinin-B receptors in anxiety	RAUL ANTONIO AGUILAR ROBLERO MIGUEL ANGEL PEREZ DE LA MORA Hernandez-Gómez A.M.	Amino Acids	2002
40	Anterior paraventricular thalamus modulates light-induced phase shifts in circadian rhythmicity in rats	CAROLINA ESCOBAR BRIONES RAUL ANTONIO AGUILAR ROBLERO Salazar-Juárez A.	AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY, INTEGRATIVE AND COMPARATIVE PHYSIOLOGY	2002

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41	Rats made cirrhotic by chronic CCl4 treatment still exhibit anticipatory activity to a restricted feeding schedule	CAROLINA ESCOBAR BRIONES JOSE GUILLERMO AVILA ACEVEDO ROLANDO EFRAIN HERNANDEZ MUÑOZ et al.	CHRONOBIOLOGY INTERNATIONAL	2002
42	Asynchrony in the diurnal rhythms of dopaminergic D2 receptors in different brain regions of the rat	RAUL ANTONIO AGUILAR ROBLERO Torner C.	BIOLOGICAL RHYTHM RESEARCH	2001
43	Anticipatory changes in liver metabolism and entrainment of insulin, glucagon, and corticosterone in food-restricted rats	MAURICIO DIAZ MUÑOZ EVA OLIVIA VAZQUEZ MARTINEZ RAUL ANTONIO AGUILAR ROBLERO et al.	AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY, INTEGRATIVE AND COMPARATIVE PHYSIOLOGY	2000
44	Metabolic correlates of the circadian pattern of suckling-associated arousal in young rabbits	CAROLINA ESCOBAR BRIONES ROBYN ELIZABETH HUDSON MARGARITA MARTINEZ GOMEZ et al.	JOURNAL OF COMPARATIVE PHYSIOLOGY A-NEUROETHOLOGY SENSORY NEURAL AND BEHAVIORAL PHYSIOLOGY	2000
45	Effects of Protein Malnutrition on Vigilance States and their Circadian Rhythms in 30-Day-Old Rats Submitted Total Sleep Deprivation	PILAR DURAN HERNANDEZ RAUL ANTONIO AGUILAR ROBLERO LEON FEDERICO CINTRA MC GLONE et al.	NUTRITIONAL NEUROSCIENCE	1999
46	Correlation between blood adenosine metabolism and sleep in humans	MAURICIO DIAZ MUÑOZ ROLANDO EFRAIN HERNANDEZ MUÑOZ MARIA SUSANA VIDRIO GOMEZ et al.	Sleep Research Online	1999
47	Circadian modulation of the ryanodine receptor type 2 in the SCN of rodents	MAURICIO DIAZ MUÑOZ ARTURO HERNANDEZ CRUZ RAUL ANTONIO AGUILAR ROBLERO et al.	Neuroreport	1999
48	Morphological changes produced by acute prenatal exposure to ethanol on the immunoreactive vasoactive intestinal polypeptide cells of the suprachiasmatic nucleus of the rat	ROSA MARIA VIGUERAS VILLASEÑOR LEON FEDERICO CINTRA MC GLONE RAUL ANTONIO AGUILAR ROBLERO et al.	Proceedings of the Western Pharmacology Society	1999
49	Diurnal behavioral and metabolic patterns in chronic malnourished rats	CAROLINA ESCOBAR BRIONES IVETTE CALDELAS SANCHEZ PATRICIA VERGARA ARAGON et al.	BIOLOGICAL RHYTHM RESEARCH	1998



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50	Effects of acute prenatal ethanol exposure on immunoreactive vasopressin and vasoactive intestinal polypeptide cells in the suprachiasmatic nucleus of the rat	ROSA MARIA VIGUERAS VILLASEÑOR LEON FEDERICO CINTRA MC GLONE RAUL ANTONIO AGUILAR ROBLERO et al.	Proceedings of the Western Pharmacology Society	1998
51	Persistence of metabolic rhythmicity during fasting and its entrainment by restricted feeding schedules in rats	CAROLINA ESCOBAR BRIONES MAURICIO DIAZ MUÑOZ RAUL ANTONIO AGUILAR ROBLERO et al.	AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY, INTEGRATIVE AND COMPARATIVE PHYSIOLOGY	1998
52	The siesta culture concept is not supported by the sleep habits of urban Mexican students	MATILDE VALENCIA FLORES PATRICIA VERGARA ARAGON RAUL ANTONIO AGUILAR ROBLERO et al.	JOURNAL OF SLEEP RESEARCH	1998
53	The sensory but not muscular pelvic nerve branch is necessary for parturition in the rat	MARGARITA MARTINEZ GOMEZ RAUL ANTONIO AGUILAR ROBLERO ROBYN ELIZABETH HUDSON et al.	PHYSIOLOGY & BEHAVIOR	1998
54	Phase relations between host and grafted SCN depend on graft location in rats	RAUL ANTONIO AGUILAR ROBLERO IVETTE CALDELAS SANCHEZ CAROLINA ESCOBAR BRIONES et al.	BIOLOGICAL RHYTHM RESEARCH	1998
55	Circadian modulation of c-Fos expression occurs only in the SCN and not in other visual projection areas in the rat	IVETTE CALDELAS SANCHEZ CAROLINA ESCOBAR BRIONES RAUL ANTONIO AGUILAR ROBLERO et al.	BIOLOGICAL RHYTHM RESEARCH	1998
56	Diurnal variations of striatal D2 dopaminergic receptors and its relation with haloperidol-induced catalepsy	RAUL ANTONIO AGUILAR ROBLERO Torner C. Sánchez-Hurtado L.	BIOLOGICAL RHYTHM RESEARCH	1998
57	IVth Latin American Symposium in Chronobiology: Introduction	RAUL ANTONIO AGUILAR ROBLERO CAROLINA ESCOBAR BRIONES MARIA LUISA FANJUL PEÑA et al.	BIOLOGICAL RHYTHM RESEARCH	1998
58	Diurnal variation of adenosine metabolism in human blood: correlation with sleep stages	MAURICIO DIAZ MUÑOZ RAUL ANTONIO AGUILAR ROBLERO ROLANDO EFRAIN HERNANDEZ MUÑOZ et al.	Proceedings of the Western Pharmacology Society	1998

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59	Organization of circadian rhythmicity and suprachiasmatic nuclei in malnourished rats	RAUL ANTONIO AGUILAR ROBLERO CAROLINA ESCOBAR BRIONES LEON FEDERICO CINTRA MC GLONE et al.	AMERICAN JOURNAL OF PHYSIOLOGY-RE GULATORY, INTEGRATIVE AND COMPARATIVE PHYSIOLOGY	1997
60	Neuronal subpopulations in the suprachiasmatic nuclei based on their response to retinal and intergeniculate leaflet stimulation	RAUL ANTONIO AGUILAR ROBLERO Roig J.A. Granados-Fuentes D.	Neuroreport	1997
61	A factor replication of the Sleep-Wake Activity Inventory (SWAI) in a Mexican population	MATILDE VALENCIA FLORES PATRICIA VERGARA ARAGON EDUARDO JAVIER AGUILAR VILLALOBOS et al.	Sleep	1997
62	Ryanoimne receptor is a circadian oscillator in the suprachiasmatic nucleus üi the rat	MAURICIO DIAZ MUÑOZ RAUL ANTONIO AGUILAR ROBLERO Hqvez J.L.	FASEB JOURNAL	1996
63	Temporal variations of adenosine metabolism in human blood	ROLANDO EFRAIN HERNANDEZ MUÑOZ MARIA SUSANA VIDRIO GOMEZ RAUL ANTONIO AGUILAR ROBLERO et al.	CHRONOBIOLO GY INTERNATIONAL	1996
64	Rhythmic firing patterns in suprachiasmatic nucleus (SCN): the rôle of circuit interactions	LIMEI ZHANG JI RAUL ANTONIO AGUILAR ROBLERO RAFAEL ANGEL BARRIO PAREDES et al.	INT J BIOMED COMPUT	1995
65	Asymmetrical electrical activity between the suprachiasmatic nuclei in vitro	LIMEI ZHANG JI RAUL ANTONIO AGUILAR ROBLERO	Neuroreport	1995
66	Morphological correlates of circadian rhythm restoration induced by transplantation of the suprachiasmatic nucleus in hamsters	RAUL ANTONIO AGUILAR ROBLERO Morin L.P. Moore R.Y.	EXPERIMENTAL NEUROLOGY	1994
67	2-Deoxyglucose autoradiographic evidence that fetal substantia nigra grafts exert contralateral effects in 6-hydroxydopamine-lesioned animals who recover motor asymmetries	ANTONIO PAULINO ZAINOS ROSALES RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN et al.	NEUROSCIENCE LETTERS	1993
68	Circadian rhythmicity in the GABAergic system in the suprachiasmatic nuclei of the rat	RAUL ANTONIO AGUILAR ROBLERO CLAUDIA RODRIGUEZ RANGEL MIGUEL ANGEL PEREZ DE LA MORA et al.	NEUROSCIENCE LETTERS	1993
69	Splitting of locomotor circadian rhythmicity in hamsters is facilitated by pinealectomy	RAUL ANTONIO AGUILAR ROBLERO Vega-González A.	BRAIN RESEARCH	1993



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70	c-fos proto-oncogene change in relation to REM sleep duration	HUGO MERCHANT NANCY RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN et al.	BRAIN RESEARCH	1992
71	A new pattern of neuronal firing in the suprachiasmatic nucleus in vitro and a possible mechanism which induces rhythmicity.	LIMEI ZHANG JI RAUL ANTONIO AGUILAR ROBLERO RAFAEL ANGEL BARRIO PAREDES	Boletín De Estudios Médicos Y Biológicos	1992
72	Morphological and functional development of the suprachiasmatic nucleus in transplanted fetal hypothalamus	RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN Shibata S. et al.	BRAIN RESEARCH	1992
73	Behavioral and morphological studies of fetal neural transplants into SCN-lesioned rats	RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN Moore R.Y.	CHRONOBIOLOGY INTERNATIONAL	1992
74	Proposal of a model of a mental system based on mental functions [Propuesta de un modelo de aparato mental basado sobre las funciones mentales.]	RAUL ANTONIO AGUILAR ROBLERO Torner C.	ACTA PSIQUIATRICA Y PSICOLOGICA DE AMERICA LATINA	1992
75	Fetal substantia nigra and adrenal medullary grafts placed contralateral to the nigrostriatal lesion side induce a decrease in turning behavior but not in dopamine receptor density	RAUL ANTONIO AGUILAR ROBLERO ANTONIO PAULINO ZAINOS ROSALES RENE RAUL DRUCKER COLIN et al.	RESTOR NEUROL NEUROS	1991
76	REM sleep enhancement induced by sensory stimulation is prevented by kainic acid lesion of the pontine reticular formation	RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN Arankowsky-Sandoval G. et al.	BRAIN RESEARCH	1989
77	Neuropeptides and sleep [Neuropéptidos y sueño.]	RENE RAUL DRUCKER COLIN OSCAR PROSPERO GARCIA RAUL ANTONIO AGUILAR ROBLERO et al.	Revista de Medicina de la Universidad de Navarra	1988
78	Fetal brain transplants induce recuperation of taste aversion learning	FEDERICO BERMUDEZ RATTONI JUAN FERNANDEZ RUIZ RAUL ANTONIO AGUILAR ROBLERO et al.	BRAIN RESEARCH	1987
79	Rapid eye movement (REM) sleep and ponto-geniculo-occipital (PGO) spike density are increased by somatic stimulation	RAUL ANTONIO AGUILAR ROBLERO OSCAR PROSPERO GARCIA RENE RAUL DRUCKER COLIN et al.	BRAIN RESEARCH	1987
80	Transplantation of the fetal occipital cortex to the third ventricle of SCN-lesioned rats induces a diurnal rhythm in drinking behavior	RAUL ANTONIO AGUILAR ROBLERO García-Hernández F. Druker-Colín R.	BRAIN RESEARCH	1987

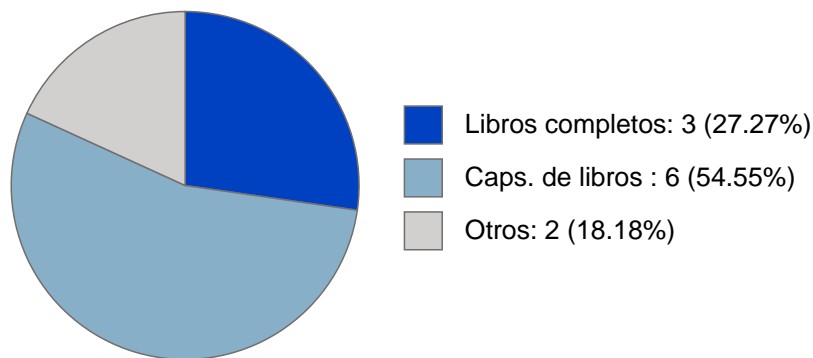
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81	Suprachiasmatic nucleus transplants function as an endogenous oscillator only in constant darkness	RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN García-Hernández F. et al.	NEUROSCIENCE LETTERS	1986
82	Cholinergic reduction of REM sleep duration is reverted by auditory stimulation	OSCAR PROSPERO GARCIA RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN et al.	BRAIN RESEARCH	1986
83	Sleep Factors Released from Brain of Unrestrained Cats: A Critical Appraisal	RENE RAUL DRUCKER COLIN RAUL ANTONIO AGUILAR ROBLERO Arankowsky-Sandoval G.	ANNALS OF THE NEW YORK ACADEMY OF SCIENCES	1986
84	Fetal suprachiasmatic nucleus transplants: diurnal rhythm recovery of lesioned rats	RENE RAUL DRUCKER COLIN RAUL ANTONIO AGUILAR ROBLERO García-Hernández F. et al.	BRAIN RESEARCH	1984
85	Reversal of rapid eye movement sleep without atonia by chloramphenicol	RAUL ANTONIO AGUILAR ROBLERO RENE RAUL DRUCKER COLIN Arankowsky G. et al.	BRAIN RESEARCH	1984

## RAUL ANTONIO AGUILAR ROBLERO

### LIBROS Y CAPITULOS CON ISBN

#### Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Food Intake and Its Control by Signaling Molecules	FRANCISCO GABRIEL VAZQUEZ CUEVAS RAUL ANTONIO AGUILAR ROBLERO YAZMIN MACOTELA GUZMAN et al.	Article	2017	9780128035924
2	A view of rabbit maternal behavior from the perspectives of complex systems and chronostasis	RAUL ANTONIO AGUILAR ROBLERO González-Mariscal G.	Capítulo de un Libro	2017	9781315388052
3	A VIEW OF RABBIT MATERNAL BEHAVIOR FROM THE PERSPECTIVE OF COMPLEX SYSTEMS AND CHRONSTASIS	RAUL ANTONIO AGUILAR ROBLERO	Capítulo de un Libro	2017	9781498731911
4	RITMOS CIRCADIANOS: ASPECTOS BÁSICOS, MECANISMOS E IMPLICACIONES EN LA SALUD Y ENFERMEDAD.	RAUL ANTONIO AGUILAR ROBLERO	Capítulo de un Libro	2017	9786078083251
5	Preface	RAUL ANTONIO AGUILAR ROBLERO MAURICIO DIAZ MUÑOZ Fanjul-Moles M.L.	Editorial Material	2015	9783319089454
6	Introduction to circadian rhythms, clocks, and its genes	RAUL ANTONIO AGUILAR ROBLERO	Capítulo de un Libro	2015	9783319089454



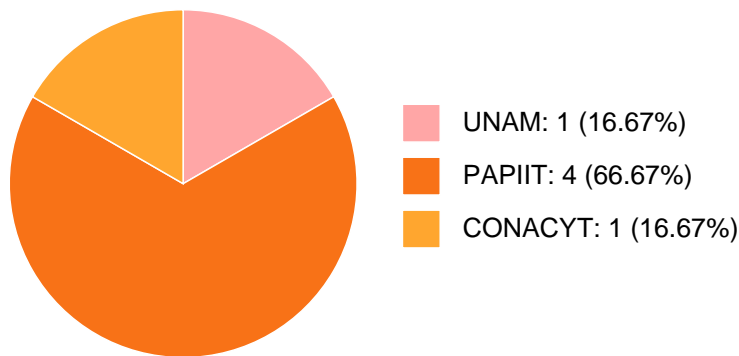
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7	Intracellular calcium as a clock output from scn neurons	RAUL ANTONIO AGUILAR ROBLERO MAURICIO DIAZ MUÑOZ GERMAN ADRIAN BAEZ RUIZ et al.	Capítulo de un Libro	2015	9783319089454
8	Chronostasis: The timing of physiological systems	RAUL ANTONIO AGUILAR ROBLERO	Capítulo de un Libro	2015	9783319089454
9	Mechanisms of circadian systems in animals and their clinical relevance	RAUL ANTONIO AGUILAR ROBLERO MAURICIO DIAZ MUÑOZ Fanjul-Moles M.L.	Libro Completo	2015	9783319089454
10	Mechanisms of Circadian Systems in Animals and Their Clinical Relevance	RAUL ANTONIO AGUILAR ROBLERO MAURICIO DIAZ MUÑOZ MARIA LUISA FANJUL PEÑA	Libro Completo	2014	9783319089447
11	Los relojes que gobiernan la vida	RAUL ANTONIO AGUILAR ROBLERO CAROLINA ESCOBAR BRIONES	Libro Completo	2011	9786071603142

## RAUL ANTONIO AGUILAR ROBLERO

### PARTICIPACIÓN EN PROYECTOS

#### Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Regulación neuroendócrina de los ritmos cicardianos en mamíferos.	RAUL ANTONIO AGUILAR ROBLERO	Presupuesto de la UNAM asignado a la Dependencia	01-01-2008	31-12-2028
2	El calcio intracelular en la regulación del reloj circadiano en mamíferos implicaciones para la salud mental	RAUL ANTONIO AGUILAR ROBLERO	Recursos CONACYT	01-07-2012	31-01-2018
3	Manejo del cloro en neuronas del Núcleo Supraquiasmático y su participación en el reloj circadiano	RAUL ANTONIO AGUILAR ROBLERO	Recursos PAPIIT	01-01-2017	01-12-2019
4	Fisiología Neuronal del Núcleo Supraquiasmático: Disparo neuronal y sincronización	RAUL ANTONIO AGUILAR ROBLERO	Recursos PAPIIT	01-01-2020	31-12-2022
5	Fisiología Neuronal del Núcleo Supraquiasmático: Disparo neuronal y sincronización.	RAUL ANTONIO AGUILAR ROBLERO	Recursos PAPIIT	01-01-2020	31-12-2022
6	Participación de las proteínas de movilización transmembranal de Cl <sup>-</sup> (NKCC1, ANO1 y ANO2) en la función de reloj circadiano en las neuronas del núcleo supraquiasmático	RAUL ANTONIO AGUILAR ROBLERO	Recursos PAPIIT	01-01-2023	31-12-2025



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



**RAUL ANTONIO AGUILAR ROBLERO**

**PARTICIPACIÓN EN TESIS**

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

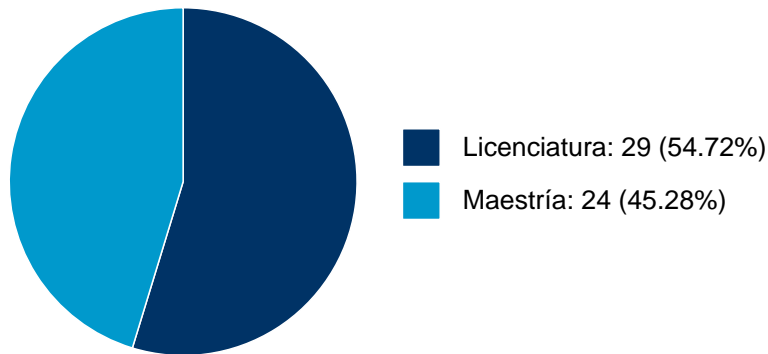
**RAUL ANTONIO AGUILAR ROBLERO**



## RAUL ANTONIO AGUILAR ROBLERO

### DOCENCIA IMPARTIDA

#### Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEORÍAS Y MODELOS DE INTERVENCIÓN I (PS)	Facultad de Psicología	1	2024-1
2	Licenciatura	UNIDAD TEORICA 12	Facultad de Medicina	1	2023-2
3	Maestría	SEMINARIO DE INVESTIGACIÓN III	Facultad de Química	1	2023-2
4	Maestría	TRABAJO DE INVESTIGACIÓN III	Facultad de Química	1	2023-2
5	Maestría	SEMINARIO DE INVESTIGACIÓN II	Facultad de Química	1	2023-1
6	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Química	1	2023-1
7	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	7	2023-1
8	Maestría	SEMINARIO DE INVESTIGACIÓN I	Facultad de Química	1	2022-2
9	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Química	1	2022-2
10	Licenciatura	UNIDAD TEORICA 12	Facultad de Medicina	1	2022-2
11	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	7	2022-1
12	Maestría	TEORÍAS Y MODELOS DE INTERVENCIÓN I (PS)	Facultad de Psicología	4	2022-1
13	Maestría	TALLER DE INVESTIGACIÓN IV	Instituto de Neurobiología en Querétaro, Querétaro	1	2021-2
14	Licenciatura	UNIDAD TEORICA 12	Facultad de Medicina	1	2021-2
15	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	7	2021-1
16	Maestría	TALLER DE INVESTIGACIÓN III	Instituto de Neurobiología en Querétaro, Querétaro	1	2021-1
17	Maestría	TEORÍAS Y MODELOS DE INTERVENCIÓN I (PS)	Facultad de Psicología	3	2021-1
18	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	1	2020-2

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19	Maestría	TALLER DE INVESTIGACIÓN II	Instituto de Neurobiología en Querétaro, Querétaro	1	2020-2
20	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	8	2020-1
21	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Ciencias	1	2019-2
22	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	6	2019-1
23	Maestría	TEORÍAS Y MODELOS DE INTERVENCIÓN I (PS)	Facultad de Psicología	2	2019-1
24	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	1	2018-2
25	Maestría	TEORÍAS Y MODELOS DE INTERVENCIÓN I (PS)	Facultad de Psicología	1	2018-1
26	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	4	2018-1
27	Maestría	TEORÍAS Y MODELOS DE INTERVENCIÓN I (PS)-396266	Facultad de Psicología	1	2017-1
28	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	5	2017-1
29	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	8	2016-1
30	Maestría	TEORÍAS Y MODELOS DE INTERVENCIÓN I (PS)	Facultad de Psicología	3	2016-1
31	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	11	2015-1
32	Licenciatura	TRABAJO DE INVESTIGACION 4	Facultad de Medicina	1	2014-2
33	Licenciatura	TRABAJO DE INVESTIGACION 3	Facultad de Medicina	1	2014-1
34	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	8	2014-1
35	Maestría	TEORIAS Y MODELOS DE INTERVENCION I	Facultad de Psicología	2	2014-1
36	Licenciatura	TRABAJO DE INVESTIGACION 4	Facultad de Medicina	1	2013-2
37	Licenciatura	TRABAJO DE INVESTIGACION 3	Facultad de Medicina	1	2013-1
38	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	12	2013-1
39	Maestría	TEORIAS Y MODELOS DE INTERVENCION I	Facultad de Psicología	3	2013-1
40	Maestría	TEORIAS Y MODELOS DE INTERVENCION II	Facultad de Psicología	3	2012-2
41	Licenciatura	TRABAJO DE INVESTIGACION 2	Facultad de Medicina	1	2012-2
42	Licenciatura	TRABAJO DE INVESTIGACION 1	Facultad de Medicina	1	2012-1
43	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	11	2012-1
44	Maestría	TEORIAS Y MODELOS DE INTERVENCION I	Facultad de Psicología	3	2012-1
45	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	9	2011-1
46	Licenciatura	UNIDAD TEORICA 7	Facultad de Medicina	1	2010-2
47	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Neurobiología en Querétaro, Querétaro	1	2010-2
48	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Neurobiología en Querétaro, Querétaro	1	2010-1
49	Licenciatura	UNIDAD TEORICA 6	Facultad de Medicina	14	2010-1
50	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Neurobiología en Querétaro, Querétaro	1	2009-2
51	Licenciatura	FISIOLOGIA	Facultad de Medicina	34	2009-0
52	Licenciatura	TRABAJO DE INVESTIGACION 5	Facultad de Medicina	1	2009-1
53	Licenciatura	FISIOLOGIA	Facultad de Medicina	33	2008-0



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



**RAUL ANTONIO AGUILAR ROBLERO**

**PATENTES**

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

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**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	2008-2024
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