



## INFORME PRODUCCIÓN CIENTÍFICA GRUPO DE INVESTIGACIÓN E094-04

Conceptos: Todos  
Periodo: 2017-2012

**TÍTULO:** REGULACION A LARGO PLAZO DE LA FUNCION RENAL Y PRESION ARTERIAL

**DEPARTAMENTO:** FISIOLÓGIA

**CENTRO:** FACULTAD DE MEDICINA

### INVESTIGADORES

I.P. (CU) SALAZAR APARICIO, FRANCISCO JAVIER (salazar@um.es)  
INV. (TU) LLINAS MAS, MARIA TERESA (mayte@um.es)  
INV. (PCD) MORENO AYUSO, JUAN MANUEL (jayuso@um.es)  
INV. (CO) TAPIA MORAGÓN, ANTONIO (atapia@um.es)  
INV. (COL) REVERTE RIBO, VIRGINIA (vrr2@um.es)  
INV. (COL) SÁEZ BELMONTE, FARA  
INV. (COL) SALAZAR MARTÍNEZ, FRANCISCO (fsal@um.es)

(CO) CONTRATADO, (COL) COLABORADOR, (CU) CATEDRÁTICO DE UNIVERSIDAD, (PCD) PROFESOR CONTRATADO DOCTOR, (TU) TITULAR DE UNIVERSIDAD

### PRODUCCIÓN CIENTÍFICA

#### Artículos

- \* **LLINAS MAS M.T., MORENO AYUSO J.M., SALAZAR APARICIO F.J.** NITRIC OXIDE, PROSTAGLANDINS AND ANGIOTENSIN II IN THE REGULATION OF RENAL MEDULLARY BLOOD FLOW DURING VOLUME EXPANSION.. *JOURNAL PHYSIOLOGY AND BIOCHEMISTRY*, VOL. 72, Nº 1, 1--8, (2016)
- \* **SALAZAR APARICIO F.J.** ACTIVATION OF ANNEXIN A1 SIGNALLING IN RENAL FIBROBLASTS EXERTS ANTIFIBROTIC EFFECTS.. *ACTA PHYSIOLOGICA*, VOL. 215, Nº 3, 144--158, (2015)
- \* **MORENO AYUSO J.M.** EFFECTS OF ARGINASE INHIBITION IN HYPERTENSIVE HYPERTHYROID RATS. *AMERICAN JOURNAL OF HYPERTENSION*, VOL. 28, Nº 12, 1464--1472, (2015)
- \* **LOPEZ HERNANDEZ R., LLINAS MAS M.T., SALAZAR APARICIO F.J.** RENAL EFFECTS OF CYCLOOXYGENASE INHIBITION WHEN NITRIC OXIDE SYNTHESIS IS REDUCED AND ANGIOTENSIN II LEVELS ARE ENHANCED.. *JOURNAL OF CARDIOVASCULAR PHARMACOLOGY*, VOL. 65, Nº 5, 465--472, (2015)
- \* **REVERTE RIBO V., TAPIA MORAGÓN A., SILVINA A.L., SALAZAR MARTÍNEZ F., LLINAS MAS M.T., SALAZAR APARICIO F.J.** COX2 INHIBITION DURING NEPHROGENIC PERIOD INDUCES ANGIOTENSIN II. HYPERTENSION AND SEX-DEPENDENT CHANGES IN RENAL FUNCTION DURING AGEING. *AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY*, VOL. 306, 250--257, (2014)
- \* **SALAZAR APARICIO F.J.** MECHANISMS INVOLVED IN DEVELOPMENTAL PROGRAMMING OF HYPERTENSION AND RENAL DISEASES. GENDER DIFFERENCES.. *HORMONE MOLECULAR BIOLOGY AND CLINICAL INVESTIGATION*, VOL. 18, Nº 2, 63--77, (2014)
- \* **SALAZAR MARTÍNEZ F., LLINAS MAS M.T., SÁEZ BELMONTE F., SALAZAR APARICIO F.J.** RENAL EFFECTS INDUCED BY PROLONGED MPGES1 INHIBITION. *AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY*, VOL. 306, Nº 1, 68--74, (2014)
- \* **SÁEZ BELMONTE F., REVERTE RIBO V., MORENO AYUSO J.M., LLINAS MAS M.T., SALAZAR APARICIO F.J.** SEX-DEPENDENT HYPERTENSION AND RENAL CHANGES IN AGED RATS WITH ALTERED RENAL DEVELOPMENT. *AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY*, VOL. 307, Nº 4, 461--470, (2014)
- \* **SALAZAR MARTÍNEZ F., SALAZAR APARICIO F.J., SÁEZ BELMONTE F., REVERTE RIBO V., LLINAS MAS M.T.** LEUKOTRIENES BUT NOT ANGIOTENSIN II ARE INVOLVED IN THE RENAL EFFECTS ELICITED BY THE PROLONGED CYCLOOXYGENASE-2 INHIBITION WHEN SODIUM INTAKE IS LOW. *JOURNAL OF CARDIOVASCULAR PHARMACOLOGY*, VOL. 4, 329--336, (2013)
- \* **GARCIA PEREZ D., SÁEZ BELMONTE F., LAORDEN CARRASCO, M. L., NÚÑEZ PARRA M.C., MILANES MAQUILON, M. V.** MORPHINE ADMINISTRATION MODULATES EXPRESSION OF ARGONAUTE 2 AND DOPAMINE-RELATED TRANSCRIPTION FACTORS INVOLVED IN MIDBRAIN DOPAMINERGIC NEURONS FUNCTION. *BRITISH JOURNAL OF PHARMACOLOGY*, VOL. 168, 1889--1901, (2013)
- \* **REVERTE RIBO V., TAPIA MORAGÓN A., LLINAS MAS M.T., SALAZAR APARICIO F.J.** ROLE OF ANGIOTENSIN II IN ARTERIAL PRESSURE HEMODYNAMICS IN RATS WITH ALTERED RENAL DEVELOPMENT: AGE-AND SEX-DEPENDENT DIFFERENCES. *AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY*, VOL. 304, Nº 1, 33--40, (2013)
- \* **MORENO AYUSO J.M.** FUNCTION AND EXPRESSION OF RENAL EPITHELIAL SODIUM TRANSPORTERS IN RATD WITH THYROID DYSFUNCTION. *JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION*, VOL. 8, Nº 35, 735--741, (2012)



- \* **BLAZQUEZ MANZANERA A.L., MARTINEZ-NICOLAS, A., SALAZAR APARICIO F.J., ROL DE LAMA M.D.L.A., MADRID PEREZ J.A.** WRIST SKIN TEMPERATURE, MOTOR ACTIVITY, AND BODY POSITION AS DETERMINANTS OF THE CIRCADIAN PATTERN OF BLOOD PRESSURE. *CHRONOBIOLOGY INTERNATIONAL*, VOL. 29, Nº 6, 747--756, (2012)

#### Comités Editoriales

- \* **AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY INTEGRATIVE AND COMPARATIVE PHYSI** 0363-6119
- \* **HIPERTENSIÓN** 0212-8241
- \* **HYPERTENSION** 0194-911X
- \* **Journal Physiology and Biochemistry** 1138-7548

#### Congresos

- \* **REVERTE RIBO V.**  
EXPERIMENTAL BIOLOGY, SAN DIEGO, CA, USA, 2016.  
DELETION OF THE PRORENIN RECEPTOR IN THE COLLECTING DUCT IMPAIRS RENAL FUNCTION AND ATTENUATES BLOOD PRESSURE IN CHRONIN ANGIOTENSIN II-INFUSED MICE.
- \* **REVERTE RIBO V.**  
SSCI 15TH ANNUAL NEPHROLOGY YOUNG INVESTIGATORS'FORUM, NEW ORLEANS, LA, USA, 2016.  
THE PRORENIN RECEPTOR IN COLLECTING DUCT CONTRIBUTES TO MAINTAIN RENAL FUNCTION AND THE DEVELOPMENT OF ANG II-DEPENDENT HYPERTENSION.
- \* **REVERTE RIBO V.**  
2016 SOUTHERN REGIONAL MEETINGS, NEW ORLEANS, LA, USA, 2016.  
PRORENIN RECEPTOR IN THE COLLECTING DUCT CONTRIBUTES TO MAINTAIN RENAL FUNCTION AND TO THE DEVELOPMENT OF ANG II-DEPENDENT HYPERTENSION.
- \* **SALAZAR APARICIO F.J.**  
CARDIOVASCULAR, RENAL AND METABOLIC DISEASES: PHYSIOLOGY AND GENDER, ANNAPOLIS, MARYLAND, USA, 2015.  
DEVELOPMENTAL PROGRAMMING AND CARDIOVASCULAR, RENAL AND METABOLIC DISEASES: ROLE OF GENDER AND SEX.
- \* **SALAZAR APARICIO F.J.**  
CARDIOVASCULAR, RENAL AND METABOLIC DISEASES: PHYSIOLOGY AND GENDER., ANNAPOLIS, MARYLAND, USA, 2015.  
IMPORTANCE OF NEPHRON NUMBER IN DEVELOPMENTAL PROGRAMMING OF CARDIOVASCULAR AND RENAL DISEASES.
- \* **SALAZAR APARICIO F.J.**  
JORNADA SOBRE HIDRATACIÓN. FUNDACIÓN VALENCIANA DE ESTUDIOS AVANZADOS, VALENCIA, 2015.  
REGULACIÓN DEL AGUA CORPORAL: PAPEL DE LOS RIÑONES.
- \* **LLINAS MAS M.T., REVERTE RIBO V., TAPIA MORAGÓN A., MORENO AYUSO J.M., SALAZAR APARICIO F.J.**  
JOINT FEPS & SPANISH PHYSIOLOGICAL SOCIETY SCIENTIFIC CONGRESS 2012, SANTIAGO DE COMPOSTELA (ESPAÑA, 2012.  
RENAL HEMODYNAMIC ANGIOTENSIN II EFFECTS IN MALE AND FEMALE RATS AT DIFFERENT AGES
- \* **REVERTE RIBO V., TAPIA MORAGÓN A., MORENO AYUSO J.M., LLINAS MAS M.T., SALAZAR APARICIO F.J.**  
JOINT FEPS & SPANISH PHYSIOLOGICAL SOCIETY SCIENTIFIC CONGRESS 2012, SANTIAGO DE COMPOSTELA (ESPAÑA, 2012.  
AGE AND SEX-DEPENDENT DIFFERENCES IN THE HYPERTENSION AND RENAL HEMODYNAMIC CHANGES IN RATS WITH AN ALTERED NEPHROGENESIS. ROLE OF ANGIOTENSIN II
- \* **SALAZAR APARICIO F.J.**  
SYMPOSIUM AMERICAN PHYSIOLOGICAL SOCIETY AND FEPS, SANTIAGO DE COMPOSTELA (ESPAÑA, 2012.  
FETAL PROGRAMMING AND HYPERTENSION

#### Proyectos

- \* **08777/PI/08**  
REDUCIDO NÚMERO DE NEFRONAS DURANTE LA GESTACIÓN. IMPLICACIONES EN EL DESARROLLO DE PREECLAMPSIA Y EN LA PROGRESIÓN DE LA HIERTENSIÓN Y LA ENFERMEDAD RENAL DESPUÉS DEL EMBARAZO  
ENTIDAD: FUNDACION SENECA  
COMIENZO: 01/01/2009, FIN: 31/12/2013  
INVESTIGADORES PRINCIPALES  
**MARIA TERESA LLINAS MAS**



\* **19422/PI/14**

INFLUENCIA DE LA OBESIDAD EN LA PROGRESIÓN DEL DAÑO RENAL Y LA HIPERTENSIÓN INDUCIDA POR UN DÉFICIT DE NEFRONAS DESDE LA ETAPA PERINATAL. IMPLICACIONES DEL SRA Y LA COX2

ENTIDAD: FUNDACION SENECA

COMIENZO: 01/07/2015, FIN: 30/06/2018

INVESTIGADORES PRINCIPALES

**FRANCISCO JAVIER SALAZAR APARICIO**

OTROS INVESTIGADORES

**MARIA BELEN GARCES ABADIAS**

**MARIA TERESA LLINAS MAS**

**FRANCISCO SALAZAR MARTINEZ**

**JUAN MANUEL MORENO AYUSO**

\* **BFU2013-49098-R**

INFLUENCIA DE LA OBESIDAD EN LA PROGRESIÓN DEL DAÑO RENAL Y LA HIPERTENSIÓN INDUCIDA POR UN DÉFICIT DE NEFRONAS DESDE LA ETAPA PERINATAL. DIFERENCIAS SEXUALES

ENTIDAD: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD

COMIENZO: 01/01/2014, FIN: 31/05/2017

INVESTIGADORES PRINCIPALES

**FRANCISCO JAVIER SALAZAR APARICIO**

OTROS INVESTIGADORES

**MARIA TERESA LLINAS MAS**

**JUAN MANUEL MORENO AYUSO**