



SAFIS

Sociedad Argentina de Fisiología

LISTADO DE RESÚMENES MINI-ORALES

Jueves 23 de octubre, 10:00 a 12:00

Salón Belgrano

FISIOLOGÍA CARDIOVASCULAR- HIPERTENSIÓN

CV 01 - Diaz-Zegarra LA, Aiello EA.
CALCIUM-DEPENDENT MORPHOLOGICAL
ALTERATIONS IN ISOTONIC
ENVIRONMENTS IN PATHOLOGICAL
CARDIAC HYPERTROPHY: A NEW ROLE
FOR CALCIUM?

CV 02 - Medina A, Hid E, Gaetani JM, Noceti
G, Zago V, Galleano M, Caniffi C, Elesgaray
R, Arranz C, Tomat A. IS ZINC
SUPPLEMENTATION DURING GROWTH
BENEFICIAL TO DIMINISH THE
CARDIOVASCULAR AND METABOLIC
ALTERATIONS OF METABOLIC
SYNDROME?

CV 03 - Rodríguez MA, Mundiña-Weilenmann
C, Said M. T-TUBULE REMODELING AND
EARLY CALCIUM ALTERNANS PERSIST
DESPITE BLOOD PRESSURE LOWERING
IN SPONTANEOUSLY HYPERTENSIVE RAT
MYOCYTES

CV 04 - Díaz RG, Valverde CA, Sapia L,
Castillo O, Wehrens X, Mattiazzi AR, Pérez
NG. CALCIUM-CALMODULIN-DEPENDENT
PROTEIN KINASE PARTICIPATION IN THE
MOLECULAR PATHWAYS OF THE SLOW
FORCE RESPONSE TO MYOCARDIAL
STRETCH

CV 05 - Gallo D, Fantinelli J, González
Arbelaez L, Ciarrocchi S, Blanco P, Orlowski
A, Aiello EA. EFFECT OF CB1
CANNABINOID RECEPTOR SILENCING IN
THE CONTEXT OF CARDIAC PATHOLOGY

CV 06 - Cisneros S, Caldiz C, Pinilla A,
Monzon J, Diaz G, Moavro D, Ramella N,
Tricerri A, Ennis I, Yeves A. CHRONIC
EFFECT OF APOA-I ON HYPERTENSION-
INDUCED CARDIAC HYPERTROPHY

CV 07- Ripari J, Villa Garcia H, Pinilla A,
Yeves A, Francini F, Patrignani M, Salinas M.
V, Ennis I, Caldiz C. EFFECTS OF AN
Eragrostistef-ENRICHED DIET ON
CARDIOVASCULAR AND METABOLIC
ALTERATIONS IN SPONTANEOUSLY
HYPERTENSIVE RATS

CV 08 - Fernández Pazos MM, Mestre
Cordero V, Gómez Peracca V, Saffer L,
Reznik F, Marina Prendes MG, Hermann R.
EFFECTS OF ISCHEMIC
POSTCONDITIONING IN HEARTS
SUBJECTED TO ISCHEMIA-REPERFUSION:
INFLUENCE OF METABOLIC CONDITIONS

CV 09 - Mestre Cordero VE, Fernández Pazos
MM, Reznik FJ, Hermann R, Marina Prendes
MG. EFFECT OF FASTING ON THE
CARDIOPROTECTIVE ACTION OF
STEVIOSIDE IN AN EX VIVO ISCHEMIA-
REPERFUSION MODEL

FISIOLOGÍA RESPIRATORIA

Resp 01 - Segovia MM, Placenza DA, Luque
K, Farfán S, Castelli G, Tejerina D, Amigone
JL, Abate P, Macchione AF. NEONATAL
ETHANOL INTOXICATION DISRUPTS
VENTILATORY AND METABOLIC
ADAPTATIONS: STUDY AGAINST
INTERMITTENT OR CONTINUOUS
HYPOXIA

Salón Plaza Real

GASTROENTEROLOGÍA

Gast 01 - Hillotte GL, Martin PL, Costa de
Lima I, Fazzi A, Roma MG, Francés DEA,
Basiglio CL. FENOFIBRATE ATTENUATES
OXIDATIVE STRESS GENERATION IN
ESTROGEN - INDUCED CHOLESTASIS

Gast 02 - Do Carmo M, Hillote GL, Taborda
DR, Riera J, Corbo ML, Crocenzi FA, Sánchez



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Pozzi EJ, Martín PL, Basiglio CL.
DEVELOPMENT OF AN EX VIVO MODEL
FOR THE STUDY OF THE ROLE OF
BILIRUBIN GLUCURONIDE HOPPING IN
LIVER PROTECTION AGAINST OXIDATIVE
INJURY

Gast 03 - Zecchinati F, Rivabella Maknis T,
Pariani P, Almada E, Larocca MC, Favre C.
AMPK ACTIVATORS METFORMIN AND
ALPHA-LIPOIC ACID REDUCE
TRANSDIFFERENTIATION AND COLLAGEN
DEPOSITION IN HEPATIC-STELLATE
DERIVED CELLS

Gast 04 - Fazzi A, Costa de Lima I, Litta AA,
Hillotte GL, Frances DEA, Sánchez Pozzi EJ.
THE PREBIOTIC INULIN ATTENUATES
ESTROGEN-INDUCED CHOLESTASIS IN A
MURINE MODEL

Gast 05 - Costa de Lima I, Hillote GL, Fazzi A,
Taborda D, Sánchez Pozzi EJ, Barosso IR.

PROTECTIVE EFFECT OF QUERCETIN ON
BSEP EXPRESSION AND OXIDATIVE
STRESS IN A FRUCTOSE-INDUCED RAT
MODEL OF METABOLIC SYNDROME

Gast 06 - Arana MR, Ricardi LL, Pereira E,
Villanueva SSM. MODULATION OF
INTESTINAL ABC EFFLUX TRANSPORTERS
BY GLIADIN-DERIVED PEPTIDES IN CACO-
2 CELLS

Gast 07 - Hesse LD, Oviedo Bustos L, Buiatti
Fagalde F, Castellanos G, Palma NF,
Comanzo CG, Vera MC, Ferretti AC, Ceballos
MP, Quiroga AD, Álvarez ML. KIR6.2
KNOCKOUT MICE EXHIBIT REDUCED
RECOVERY OF LIVER MASS AND
ALTERED BLOOD GLUCOSE LEVELS IN
THE PRIMING STAGE OF REGENERATION
AFTER PARTIAL HEPATECTOMY

Jueves 23 de octubre, 16:00 a 18:00

Salón Belgrano

FISIOLOGÍA RENAL

Ren 01 - Mees AP, Rivera MF, Celi A, Roses
J, Raño J, Mosna L, Sanchez N, Martinez N,
Schiavelli R, Di Giusto G. DETECTION OF
EXTRACELLULAR VESICLES IN KIDNEY
PRESERVATION SOLUTIONS: TOWARDS
BIOMARKERS OF GRAFT QUALITY.

Rec 03 - Rivabella Maknis T, Fussi MF, Pariani
AP, Zecchinati F, Favre C, Molinas SM,
Larocca MC. ACTIVATION OF ANGIOTENSIN
II TYPE 2 RECEPTOR (AT2R) PREVENTS
ACUTE DAMAGE IN RENAL TUBULAR
CELLS BY ACTIVATING AUTOPHAGY.
ROLE OF THE PRIMARY CILIA.

Ren 03 - Buiatti Fagalde F, Comanzo CG,
Oviedo Bustos L, Palma N, Vera M, Hesse LD,
Ceballos MP, Ferretti AC, Álvarez ML,
Brandoni A, Quiroga AD. DEVELOPMENT OF
AN EXPERIMENTAL MODEL OF FIBROSIS

INDUCED BY UNILATERAL URETERAL
OBSTRUCTION IN MICE

Ren 04 - Hillotte G, Hazelhoff MH, Pezzarini E,
Roma MG, Francés DEA, Brandoni A, Basiglio
CL. RENAL EFFECTS OF FENOFIBRATE IN
AN EXPERIMENTAL MODEL OF
ESTROGEN-INDUCED CHOLESTASIS

Ren 05 - Fussi MF, Rivabella Maknis T,
Hazelhoff MH, Bulacio RP, Trebucovich MS,
Campagno R, Molinas JL, Brandoni A,
Larocca MC, Molinas SM. CONTRIBUTIONS
TO THE SEX SPECIFIC
CHARACTERIZATION OF RENAL
HANDLING OF NEUTROPHIL GELATINASE-
ASSOCIATED LIPOCALIN IN RESPONSE TO
ISCHEMIC ACUTE KIDNEY INJURY.

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ENDOCRINOLOGIA- METABOLISMO Y REPRODUCCIÓN



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Endo 01 - Reynoso M, Corominas AI, Casale R, Damiano AE. PREECLAMPSIA, OBESITY, AND FETAL SEX: THE BOUNDARY OF LOW-DOSE ASPIRIN EFFECTIVENESS

Endo 02 - Peloso K, Pietronave E, Gaetani JM, Noceti G, Navarro M, Ferreri C., Arreche N, Arese R, Castro MJ, Nuñez M, Fellet AL. DIVING INTO CONGENITAL HYPOTHYROIDISM EFFECTS ON CARDIOVASCULAR FUNCTION

Endo 03 - Ortega JI, Marinocchi MV, Grass A, Francés D, Ronco MT. INULIN PROTECTS AGAINST OBESITY AND INSULIN RESISTANCE VIA ANTIOXIDANT RESPONSE MODULATION IN HIGH-FAT DIET (HFD)-FED MICE

Endo 04 - Avena V, Gómez L, Mussi J, Pérez F, Palta E, López A, Sosa M, Carranza J, Mezzatesta P, Torbidoni V, Funes A, Boarelli P. METABOLIC AND ENDOCRINE ALTERATIONS ASSOCIATED WITH LIFESTYLE IN UNIVERSITY STUDENTS: PRELIMINARY RESULTS

Endo 05 - Muscia Saez V, Perdicaro D, Antonioli A, Cacciamani VE, Vazquez Prieto M. GRAPE POMACE EXTRACT, RICH IN BIOACTIVE COMPOUNDS, PROTECTS FROM HIGH-FAT DIET-INDUCED OBESITY AND BROWN ADIPOSE TISSUE WHITENING IN MICE.

Viernes 24 de octubre, 15:30-17:30

Salón Belgrano

ONCOLOGÍA-INFLAMACIÓN

Onco 01 - Olivera MV, Campos Haedo MN, Díaz Albuja JA, MN, González G, Menay F, Alvarado L, Perona M, Debernardi MM, Juvenal GJ, Cremaschi GA, Rosembli C. ANALYSIS OF PROTEIN KINASE C ALPHA AND BRAFV600E EXPRESSION AS POSSIBLE PREDICTIVE MARKERS IN THYROID CANCER.

Onco 02 - Comanzo CG, Vera MC, Buiatti Fagalde F, Oviedo Bustos L, Palma NF, Hesse L, Ferretti AC, Ceballos MP, Álvarez ML, Quiroga AD. MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN (MTP) INHIBITION BY THE LIPID-LOWERING AGENT LOMITAPIDE DOES NOT AFFECT LIVER TUMOR DEVELOPMENT IN MICE ON A HIGH-FAT DIET

Onco 03 - Oviedo Bustos L, Comanzo CG, Vera MC, Palma NF, Ceballos MP, Capigliani AM, Ferretti AC, Quiroga AD, Álvarez ML. LEUKOTRIENE A4 HYDROLASE: A NOVEL KEY FACTOR HEPATOCELLULAR CARCINOMA PROGRESSION

Onco 04 - Gola AM, Novaira IM, Signorelli A, Gonzalez S, Palma NF, Livore VI, Luquita MG, Ceballos MP, Ruiz ML. MODULATION OF MULTIDRUG RESISTANCE PROTEINS BY THE PHYTOESTROGEN S-EQUOL IN HEPATOCARCINOMA CELLS AND ITS IMPACT ON CHEMOTHERAPEUTIC DRUGS CYTOTOXICITY

Onco 05 - Palma NF, Livore VI, Oviedo Bustos L, Hesse LD, Buiatti Fagalde F, Castellanos Arciniegas G, Ferretti AC, Comanzo CG, Álvarez ML, Quiroga AD, Ceballos Mancini MP. MULTICELLULAR TUMOR SPHEROIDS (MCTS): AN IN VITRO MODEL FOR STUDYING SORAFENIB RESISTANCE IN HEPATOCELLULAR CARCINOMA (HCC).

Onco 06 - Schweitzer K, Alonso EG, Giorgi G, Fernandez Chavez L, Ferronato MJ, Coló GP, Alonso EN, Fermento ME, Curino AC and Facchinetti MM. DUAL FACES OF HEMEOXYGENASE-1 IN BREAST CANCER: LINKING SUBCELLULAR LOCALIZATION TO TUMOR BEHAVIOR AND DRUG RESPONSE

GENÉTICA – TERAPIA GÉNICA



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GTC 01 - La Colla A, Cámara CA, Rodríguez TM, Echarte SM, Dewey RA, Chisari AN. A NOVEL TRUNCATED ISOFORM OF THE HUMAN TGF- β TYPE II RECEPTOR FC-TAG PROTEIN REVERSES LIVER FIBROSIS BY INDUCING HEPATIC METABOLIC REPROGRAMMING IN RATS

GTC 02 - Cámara CA, La Colla A, Rodríguez TM, Dewey RA, Chisari A. T β RII-SE/Fc, A PAN TGF- β INHIBITOR, REDUCES LIVER STEATOSIS MODULATING LIPID METABOLISM IN A METABOLIC DYSFUNCTION-ASSOCIATED STEATOTIC LIVER DISEASE RAT MODEL

INMUNOLOGÍA- NEUROINMUNOENDOCRINOLOGÍA

Inm 01 - Pacini A, Stampone R, Tanno F, Bessone F, Ronco MT, Villar SR. IMMUNE DYSREGULATION IN AUTOIMMUNE HEPATITIS: TH17/TREG PROFILE AND IMPACT OF THERAPY

Salón Plaza Real

FISIOLOGÍA CELULAR Y TRANSDUCCIÓN DE SEÑALES

FC 01 - Ricardi LL, Zecchinati F, Perdomo VG, Pereyra EI, Arana MR, Villanueva SSM. MOLECULAR BASIS OF THE POST-TRANSLATIONAL DOWNREGULATION OF INTESTINAL MRP2 BY OXIDATIVE STRESS

FC 02 - Gioia D, Casal JJ, Beltramone N, Mollo MC, Eddy M, Roitberg A, Toriano R. DRUG SYNTHESIS, SELECTION AND

REPOSITIONING TO PREVENT SHIGA TOXIN-INDUCED RENAL INJURY IN POSTINFECTIOUS HAEMOLYTIC UREMIC SYNDROME

FC 03 - Pariani AP, Huhn V, Rivabella Maknis T, Almada E, Zecchinati F, Ojeda M, Vena R, Favre C, Larocca MC. STABILIZATION OF GOLGI-DERIVED MICROTUBULES BY CLASP1/2 PROTEINS IS NECESSARY FOR NK CYTOTOXICITY

FC 04 - Cure ME, Cassano D, Cornejo MP, Perelló M, De Francesco PN. AGRP NEURONS' INVOLVEMENT IN THE PROLONGED OREXIGENIC EFFECT OF GHRELIN: A NEUROANATOMICAL AND FUNCTIONAL ANALYSIS

FC 05 - Almada E, Pariani AP, Huhn V, Rivabella Maknis T, Zecchinati F, Molinas SM, Favre C, Larocca MC. ANGIOTENSIN II MODULATION OF NATURAL KILLER EFFECTOR FUNCTIONS. DIFFERENTIAL ROLES OF AT1R AND AT2R

FC 06 - Grass A, Ortega J, Marinocchi V, Ronco T, Frances D. ROLE OF CONSTITUTIVE COX-2 EXPRESSION IN THE MODULATION OF P38 MAPK ACTIVATION BY TAUROLITHOCHOLATE (TLC) IN HEPATIC CELLS

FC 07 - Cutrera N, Capurro C, Di Giusto G, Netti V. AQUAPORIN-4 PARTICIPATES IN THE MIGRATION OF RETINAL MÜLLER CELLS BY FACILITATING WATER TRANSPORT AND CYTOSKELETON REORGANIZATION: ROLE OF THE PI3K SIGNALING PATHWAY



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PREMIOS Y SIMPOSIO

Viernes 24 de octubre, 8:30 – 10:00

Salón Belgrano

PREMIO CAMILIÓN DE HURTADO.

PCH 01 -Martinez VR, Galeota Satini C, Velez Rueda JO, Schey A, Urtreger A, Portianski EL, De Giusti VC. BREAST CANCER AS A DRIVER OF CARDIAC DYSFUNCTION: MOLECULAR MECHANISMS

PCH 02 -Ciarrocchi S, Gallo D, Franchini G, Aiello EA, Orlowski A. RECOMBINANT ACE2 LOWERS BLOOD PRESSURE IN SPONTANEOUSLY HYPERTENSIVE RATS

PCH 03 - De Fazio R, Lofeudo J, Godoy Coto J, Ciancio C, Blanco P, Orlowski A, Aiello E, Jaquenod De Giusti C. EFFECTS OF MITOCHONDRIAL NHE1 OVEREXPRESSION

Viernes 24 de octubre, 12:30-14:00

Salón Belgrano

PREMIO SAFIS “Dr. Aldo Mottino”

PSa 01- Capitani MC, Capiglioni AM, Marinelli RA, Marrone J. BILIARY ELIMINATION OF CHOLESTEROL CAN BE MODULATED BY HEPATOCYTE MITOCHONDRIAL AQUAPORIN-8 IN MICE

PSa 02 - Zecchinati F, Ricardi LL, Pereyra EI, Arana MR, Luquita MG, Perdomo VG, Blancato VS, Villanueva SSM. OBESITY AND MICROBIOTA: IMPACT ON THE PHYSIOLOGY OF THE MRP2-MEDIATED INTESTINAL BIOCHEMICAL BARRIER

PSa 03 - Celi AB, Aduriz M, Molina Ponce T, Grippo A, Beltramone N, Casal JJ, Martinez N, Capurro C, Ford P, Rivarola V. NHE1-CHP INTERACTION AND EXTRACELLULAR ALKALINIZATION IN RENAL CARCINOMA SPHEROIDS: AN EXPERIMENTAL AND IN SILICO APPROACH

Viernes 24 de octubre, 10:00 – 11:30

Salón Belgrano

SIMPOSIO JÓVENES INVESTIGADORES

Endo 02 - Peloso K, Pietronave E, Gaetani JM, Noceti G, Navarro M, Ferreri C., Arreche N, Arese R, Castro MJ, Nuñez M, Fellet AL. DIVING INTO CONGENITAL HYPOTHYROIDISM EFFECTS ON CARDIOVASCULAR FUNCTION

CV 03 - Rodríguez MA, Mundiña-Weilenmann C, Said M. T-TUBULE REMODELING AND EARLY CALCIUM ALTERNANS PERSIST DESPITE BLOOD PRESSURE LOWERING IN SPONTANEOUSLY HYPERTENSIVE RAT MYOCYTES



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FC 07 -Cutrera N, Capurro C, Di Giusto G, Netti V. AQUAPORIN-4 PARTICIPATES IN THE MIGRATION OF RETINAL MÜLLER CELLS BY FACILITATING WATER TRANSPORT AND CYTOSKELETON REORGANIZATION: ROLE OF THE PI3K SIGNALING PATHWAY

Ren 05 - Fussi MF, RivabellaMaknis T, Hazelhoff MH, Bulacio RP, Trebucovich MS, Campagno R, Molinas JL, Brandoni A, Larocca MC, Molinas SM. CONTRIBUTIONS TO THE SEX SPECIFIC CHARACTERIZATION OF RENAL HANDLING OF NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN IN RESPONSE TO ISCHEMIC ACUTE KIDNEY INJURY.

Resp 01 - Segovia MM, Placenza DA, Luque K, Farfán S, Castelli G, Tejerina D, Amigone JL, Abate P, Macchione AF. NEONATAL ETHANOL INTOXICATION DISRUPTS VENTILATORY AND METABOLIC ADAPTATIONS: STUDY AGAINST INTERMITTENT OR CONTINUOUS HYPOXIA

