

MENCIONES ESPECIALES A POSTERS SELECCIONADOS - SAIC 2022

Las menciones especiales como reconocimiento a trabajos presentados en pósters fueron seleccionadas por los/as respectivos/as coordinadores/as de sesiones en las áreas temáticas correspondientes. Para los criterios de selección, el Consejo Directivo SAIC sugirió considerar los siguientes aspectos: relevancia del objeto de estudio, abordaje científico y metodológico, implicancia de los resultados obtenidos, potencial traslacional o de transferencia. Además, en relación a las exposiciones de los trabajos se sugirió que se consideren aquellas realizadas por personas en formación (becarios, residentes, estudiantes, etc.) así como la calidad de las mismas (cumplimiento del tiempo asignado, interacción con los recursos gráficos del poster, claridad de la presentación y respuestas a las preguntas). La selección de un trabajo -o en ocasiones dos ante un mérito equivalente- como merecedor de mención, quedó a criterio de los/as coordinadores/as de la correspondiente sesión y se otorgó si fue posible alcanzar un consenso en la misma. No fueron candidatos a mención especial los trabajos en los cuales participaban miembros del actual Consejo Directivo SAIC 2022.

BIONFORMATICS AND THERAPEUTIC TARGETS

29 (ID802)

Agustín Romero, Ana C. Heidenreich, Carolina L. Roman, Macarena Algañarás, Juan J. Gagliardino, Bárbara Maiztegui, Luis E. Flores, Santiago A. Rodríguez. TRANSCRIPTIONAL EFFECTS OF INGAP-PP PEPTIDE IN THE CONTROL OF THE PANCREATIC β -CELL MASS AND FUNCTION: ADVANTAGES OF COMBINE EPIGENETIC AND TRANSCRIPTOMIC ANALYSIS.

44 (ID797)

Laureano A. Español, Miranda C. Palumbo, Federico Serral, Angela M. Barbero, Sabina Palma, Diego Ruggeri, Darío Fernández Do Porto, Rodrigo E. Hernández Del Pino, Virginia Pasquinelli. GENOME SEQUENCE AND CHARACTERIZATION OF A HYPERVIRULENT BI/NAP1/027 CLOSTRIDIODES DIFFICILE (CDC20121308).

CARDIOVASCULAR AND RESPIRATORY

52 (ID173)

Adan Arean Juan Santiago, Pappalettera Bruno, Vico Tamara, Evelson Pablo, Vanasco Virginia, Alvarez Silvia. RESTORATION OF CARDIAC MITOCHONDRIAL FUNCTION IS RELATED TO MITOCHONDRIAL DYNAMICS EFFICIENCY AND DEPENDS ON THE SEVERITY OF ENDOTOXEMIA.

60 (ID375)

Victoria Mestre Cordero, Julieta Mourglia, Debora Vélez, Lucia Sánchez, María de las Mercedes Fernández Pazos, Romina Hermann, María Gabriela Marina Prendes. ISOSTEVIOL-MEDIATED CARDIOPROTECTION: RELATIONSHIP BETWEEN MITOCHONDRIAL PRESERVATION AND PROTEIN KINASE B (AKT) ACTIVATION.

67 (ID785)

Eliana P Bin, Mariana Garces, Federico Penas, Mariana Armani, Camila Marquez Roa, Carla Greco, Sofía Gimenez, Luciana Wilensky, Nora Goren, Pablo Evelson, Ricardo Gelpi, Martin Donato. REMOTE ISCHEMIC PRECONDITIONING MODIFIES EARLY VENTRICULAR REMODELING POST MYOCARDIAL INFARCTION BY ATTENUATION OF THE INFLAMMATORY RESPONSE AND OXIDATIVE STRESS.

CELL PHYSIOLOGY

81 (ID541)

Tomás Rivabella-Maknis, María Fernanda Fussi, Alejandro Pariani, Cristian Favre, Sara María Molinas, María Cecilia Larocca. ROLE OF ANGIOTENSIN TYPE 2 RECEPTOR (AT2R) IN MICROTUBULE RESPONSE TO ISCHEMIC INJURY.

ENDOCRINOLOGY

107 (ID625)

Natacha Zlocowski, Liliana del Valle Sosa, Carolina Beatriz Guido, Jorge Humberto Mukdsi, Alicia Inés Torres, Juan Pablo Petiti. THE EPIGENETIC EZH2/H3K27ME3 AXIS MODULATES LACTOTROPH TUMOUR CELL PROLIFERATION.

121 (ID514)

Ana Luz Kruger, Agustina Malpeli, Laura Orellano, Lucía Mazziota, Daniela Rocha, Lucrecia Fotia, Ignacio Méndez, Marisa Sala, Andrea Tournier, Liliana Disalvo, Ana Varea, María Florencia Andreoli. CORTISOL IN BREAST MILK IS ASSOCIATED WITH INFANT WEIGHT AND ADIPOSITY AT 6 MONTHS OF AGE.

GASTROENTEROLOGY

136 (ID395)

Anabela C. Medeot, Romina B. Andermatten, Gimena Salas, Virginia S. Schuck, Ismael R. Barosso, Fernando A. Crocenzi, Marcelo G. Roma. SUSTAINED INTERNALIZATION OF THE HEPATOCANALICULAR TRANSPORTER MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN 2 (MRP2) IN CHOLESTASIS LEADS TO ITS EXACERBATED PROTEOSOMAL DEGRADATION.

GENETICS

149 (ID632)

Gabriel Veneruzzo, María Eugenia Martín, Lenin Intriago, Matías Juanes, Mariana Loos, Gabriela Reyes, Eugenia Foncuberta, Giovanna Aschettino, Francisco García, Roberto Caraballo, Cristina Alonso. EPILEPSY AND NON-EPILEPTIC PAROXYSMAL EPISODES: NOVEL GENETIC VARIANTS IN A COHORT OF ARGENTINIAN PEDIATRIC PATIENTS.

150 (ID688)

Paula A. Scaglia, María Esnaola Azcoiti, Agustín Izquierdo, Bárbara Casali, Lourdes Correa Brito, Agustín Bernacchia, Gabriela Sansó, María Gabriela Ropelato. BIOINFORMATIC PREDICTION OF COPY NUMBER VARIANTS FROM NGS DATA: CLINICAL VALIDATION USING CONFIRMATORY METHODS.

155 (ID221)

Micaela Carcione, Chiara Mazzanti, Macarena Bollana, Carmen Llames Massini, Triana Visconti, Leonela Luce, Florencia Giliberto. THE IMPORTANCE OF SCIENTIST'S EXPERTISE IN THE INTERPRETATION OF NGS DATA.

157 (ID244)

Nicolas Ciancio Del Giudice, David Gonilski Pacin, Carol Fagundez, Carolina Cárdenas-Figueroa, Mariana Fuertes, María Belén Elguero, Eduardo Arzt. ESTABLISHMENT AND CHARACTERIZATION OF A RSUME KNOCKOUT MODEL UNDER NORMOXIC AND HYPOXIC CONDITIONS.

INFECTOLOGY AND PARASITOLOGY

246(ID100)

Azul Peralisi, Carolina Poncini, Aldana Sequeyra, Ágata Cevey, Martín Donato, Gerardo Mirkin, Nora Goren, Federico Penas. FENOFIBRATE MODULATES CARDIAC MACROPHAGE ACTIVATION PROFILE AND HEART INFLAMMATORY RESPONSE AND IMPROVES VENTRICULAR FUNCTION IN T. CRUZI-INFECTED MICE.

271 (ID849)

Andreina Reschia, Sebastian Cogliatti, Carolina Martinez, Gustavo Rossignol, Luis Caprile, Nadia Gerhardt, Aranza Sorribas, Juliana Sesma. GENOTYPIC CHARACTERIZATION OF CARBAPENEM-RESISTANT ISOLATES FOR EPIDEMIOLOGICAL SURVEILLANCE IN A PUBLIC HOSPITAL IN ROSARIO.

METABOLISM AND NUTRITION

344 (ID919)

María Florencia Quintanilla, Vanessa Touceda, Magali Barchuk, Paola Finocchietto, Celina Morales, Graciela Lopez, Silvia Friedman, Laura Schreier, Gabriela Berg, Veronica Miksztowicz. ADIPOSE TISSUE AND INSULIN-RESISTENCE. BENEFICIAL EFFECTS OF GLP-1 AGONISTS.

347(ID233)

Christian Saporito-Magriñá, Lila Lopez-Montañana, María Laura Facio, Fabiana Lairion, Marisa Gabriela Repetto. COPPER(II)-INDUCED IgG AGGREGATES BECOME IRREVERSIBLY AGGREGATED BY HYDROGEN PEROXIDE.

362 (ID812)

Ezequiel Hid, Fiorella Lista, Mailén Massetelle Espósito, Ana Maria Balaszczuk, Cesar G. Fraga, Noelia Arreche, Monica Galleano. NITRIC OXIDE BIOAVAILABILITY AND INFLAMMATION IN PERIVASCULAR ADIPOSE TISSUE: MODULATION BY DIET.

NEPHROLOGY

412 (ID866)

Daniela Josefina Porta, Rivoira María Angélica, Jorge Humberto Mudski, María Eugenia Pasqualini, Néstor Horacio García. PREVENTION OF SALT-SENSITIVE HYPERTENSION DEVELOPMENT IN CONDITIONS OF RENAL FAILURE AND SALT DIETARY OVERLOAD BY SUPPLEMENTATION WITH COENZYME Q10.

NEUROSCIENCES

432 (ID881)

Vaglianti María Victoria, Subirada Paula Virginia, Paz Constanza, Bonacci Gustavo, Sánchez María Cecilia. PROTECTIVE EFFECT OF NITROOLEIC ACIDS IN NEOVASCULARIZATION AND NEURODEGENERATION IN OXYGEN-INDUCED RETINOPATHY MOUSE MODEL.

427. (ID565)

Manuel G. Bruera, María M. Benedetto, Alicia L. Degano, María A. Contin. RETINAL DEGENERATION PROMOTED BY EXCESS OF LIGHT: MECHANISM OF CELL DEATH AND NEUROINFLAMMATORY RESPONSE.

434 (ID66)

Melisa Bentivegna, Amal Gregosa, Ángeles Vinuesa, Carlos Pomilio, María Bonaventura, Jessica Presa, Nicolás González Pérez, Melina Bellotto, Victoria Lux, Flavia Saravia, Juan Beauquis. INSULIN RESISTANCE AND GLIAL ACTIVATION AS CONCURRENT EVENTS IN EXPERIMENTAL ALZHEIMER'S DISEASE.

460 (ID404)

Brenda C. Gutierrez, Horacio F. Cantiello, and María del Rocío Cantero. THE VOLATILE HALOGENATED ANESTHETIC SEVOFLURANE INHIBITS MICROTUBULE-GENERATED ELECTRICAL OSCILLATIONS IN THE HONEYBEE BRAIN.

469 (ID165)

Tamara B. Soto, Paula E. Tenconi, Melina V. Mateos, Luis E. Politi, Olga L. German. NEURODEGENERATIVE EFFECTS OF THE CYANOTOXIN β -N-METHYLAMINO-L-ALANINE (BMAA) ON RETINAL CELLS.

474 (ID352)

Nicolás Gabriel González Pérez, Carlos Pomilio, Ángeles Vinuesa, Melina Bellotto, Melisa Bentivegna, Amal Gregosa, Jessica Presa, Juan Beauquis, Flavia Saravia. METFORMIN PROMOTES AUTOPHAGY IN GLIAL CELLS AND REDUCES NEUROINFLAMMATION IN EXPERIMENTAL MODELS OF TYPE 2 DIABETES MELLITUS.

ONCOLOGY

488 (ID107)

Lucía Fernández Chávez, Vicente Bermúdez, Exequiel Gonzalo Alonso, Karen Schweitzer, María Julia Ferronato, María Eugenia Fermento, Eliana Noelia Alonso, María Marta Facchinetti, Alejandro Carlos Curino and Georgina Pamela Coló. FIBRONECTIN-BINDING INTEGRINS PARTICIPATE IN THE CONTROL OF GEF-H1 ACTIVATION AND ITS ROLE IN BREAST CANCER.

503 (ID59)

Debernardi MM, Diaz Albuja JA, Sterle HA, Paulazo A, Díaz Flaqué MC, Campos Haedo M, Gonzalo G, Rosemblit C, Cremaschi GA, Cayrol F. THYROID HORMONES (THS) ACTING THROUGH INTEGRIN AVB3 ONCOGENIC SIGNALING PATHWAY INVOLVED IN T CELLS LYMPHOMA PROGRESSION.

519 (ID10)

Maximiliano A. Diaz, Maria Noé Garcí1, Daniela L. Papademetrio, Martín Fernandez-Zapico, Elida Alvarez, Daniel Grasso. NEGATIVE MODULATION OF THE AUTOPHAGY PATHWAY BY SURVIVIN/BIRC5 IN THE RESISTANCE OF PANCREATIC ADENOCARCINOMA CELLS.

559 (ID579)

Paula Martina Oliveda, Matías Daniel Caverzán, Lucía Beaugé, Rodrigo Emiliano Palacios, Carlos Alberto Chesta, Luis Exequiel Ibarra. METRONOMIC PHOTODYNAMIC THERAPY IN VITRO EVALUATION FOR MALIGNANT GLIOMAS.

577 (ID489)

Ramiro Héctor Cerviño, Natalia Gómez, Ana Sahores, Carina Shayo, Carlos Davio, Agustín Yaneff. NSAID SCREENING FOR MRP4 INHIBITION: DRUG REPOSITIONING FOR PDAC TREATMENT.

585 (ID659)

Juana Moro, Rocío Belén Duca, Karen Daniela Graña, Paola De Luca, Adriana De Siervi. FACING THE ENEMY: MIRNAS 19B-3P AND 146A-5P AS POTENTIAL BIOMARKERS OF DOXORUBICIN RESISTANCE IN TRIPLE NEGATIVE BREAST CANCER.

603 (ID49)

Matías Valenzuela Alvarez, Luciana M. Gutierrez, Juan Bayo, María José Cantero, Mariana Garcia, Marcela F. Bolontrade. MIGRATION AND INVASION AS CAPACITATING ABILITIES FOR OSTEOSARCOMA METASTATIC SUCCESS: PARENCHYMA AND STROMA INTERTWINED.

608 (ID333)

David Gonilski, Nicolas Ciancio del Giudice, Belen Elguero, Eduardo Arzt. RSUME IS AN ADVERSE PROGNOSTIC FACTOR IN RENAL CELL CARCINOMA: INVOLVEMENT OF ROS AND CILIA RELATED PATHWAYS.

PHARMACOLOGY AND RELATED TOPICS

627 (ID505)

Federico Orsi, Juliana Monat, Verónica Milesi, Jesica Raingo, Pedro Martín. MONTELUKAST ACTIVATES BK (SLO1) CHANNELS ASSOCIATED WITH THE B4 ACCESSORY SUBUNIT AND EMERGES AS A PHARMACOLOGICAL TOOL TO REDUCE HIPPOCAMPAL EXCITABILITY.

637 (ID95)

Franco Caram, FernandoTrejo, Pablo F. Pérez, Alan Talevi, Carolina Bellera. COMPUTER-GUIDED IDENTIFICATION OF NEW INHIBITORS OF CLOSTRIDIUM DIFFICILE SPORE GERMINATION.

645 (ID683)

Aldana Magalí Gola, María Bucci-Muñoz, Verónica Inés Livore, Aldo Domingo Mottino, María Paula Ceballos, María Laura Ruiz. INSULIN-LIKE GROWTH FACTOR 2 MRNA- BINDING PROTEIN 1 (IGF2BP1) INVOLVEMENT IN ABC TRANSPORTERS MODULATION BY PHYTOESTROGENS IN HEPATOCARCINOMA CELL LINES.

REGENERATIVE MEDICINE AND NANOMEDICINE

659 (ID230)

Ricardo Malvicini, María Cecilia Sanmartín, Anna María Tolomeo, Diego Santa-Cruz, Maurizio Muraca, Natalia Pacienza, Gustavo Yannarelli. INFLUENCE OF THE ISOLATION METHOD ON THE CHARACTERISTICS AND FUNCTIONAL ACTIVITY OF MESENCHYMAL STROMAL CELL-DERIVED EXTRACELLULAR VESICLES.

651 (ID68)

Maximiliano Borda, María José Cantero, Esteban Fiore, Juan Bayo, Romina Sierra, Sofía Gómez Bustillo, Agustina Abalo, Gianluca Giardelli, Alejandro Montaner, Jorge B. Aquino. MT504 ENHANCES THE CONTRIBUTION OF GLAST+ WNT1+ BONE MARROW STROMAL PROGENITORS WITH HEPATOCYTE- AND ENDOTHELIAL-LIKE CELLS IN THE FIBROTIC LIVER.

677 (ID790)

Birocco Ariadna, Blachman Agustín, Curcio Sofía, Goldberg Micaela, Moya Sergio, Calabrese Graciela. DERMATAN SULFATE/CHITOSAN POLYELECTROLYTE COMPLEXES AS DRUG DELIVERY PLATFORM TOWARDS CD44+ BREAST CANCER CELLS.

682 (ID814)

Antonella Lombardi, Mikele Amondarain, Marcela N. García, Alejandro La Greca, Joaquín Smucler, Gustavo E. Sevlever, Santiago G. Miriuka, Carlos D. Luzzani. EFFECT OF SPARC EXPRESSION IN MESENCHYMAL STEM CELLS AND ANALYSIS OF THEIR POTENTIAL FOR WOUND REGENERATION.

REPRODUCTION

697 (ID410)

Florencia Heinecke, Marina Labiano, María Agustina Meneghini, Jeremías Pablo Flores Quiroga, Alicia Graciela Faletti, Verónica White. MATERNAL TREATMENT OF BUTYRATE DURING GESTATION AND LACTATION IMPACTS ON MATERNAL METABOLISM AND IMPROVES METABOLIC PROGRAMMING OF THE OFFSPRING.

695 (ID381)

Etchevers Lucas, Renna María Sol, Belotti Eduardo Matías, Diaz Pablo Uriel, Rey Florencia, Ortega Hugo Hector, Salvetti Natalia Raquel, Amweg Ayelén Noelia. STRESS DURING PREOVULATORY PERIOD ALTERS PATTERN EXPRESSION OF ADHESION MOLECULES INVOLVED IN LYMPHOCYTE INFILTRATION IN DAIRY CATTLE.

705 (ID220)

Yamila Herrero, Candela Velázquez, Pomponio Valeria, Vanesa Hauk, Ignacio de Zúñiga, Gustavo Martínez, Mariano Lavolpe, Florencia Veiga, Leopoldina Scotti, Dalhia Abramovich, Fernanda Parborell. SARS-COV-2, VACCINES AND FEMALE REPRODUCTION: EFFECTS ON OVARIAN FUNCTION.

729 (ID448)

María Milagros Giaccagli, Jael Dafne Herzfeld, Mariana Weigel Muñoz, Patricia Sara Cuasnicú, Vanina Gabriela Da Ros, Débora Juana Cohen. ASSOCIATION OF METABOLIC SYNDROME WITH MALE REPRODUCTIVE STATUS IN THE SECOND GENERATION.

722 (ID152)

Lucila Gomez Olivieri, Paula A. Balestrini, Celia Santi, Clara I. Marin Briggiler, Guillermina M. Luque, Mariano G. Buffone. SPERM LACKING SLO3 CHANNELS BEND THEIR FLAGELLUM AFTER INCUBATION UNDER CAPACITATING CONDITIONS.

SIGNAL TRANSDUCTION

743 (ID305)

Marina C. Ruiz, Natalia M. Galigniana, Romina Uranga, Graciela Piwien-Pilipuk. LONG NON-CODING RNAS TRANSCRIBED FROM TELOMERES ARE INDUCED DURING THE PROCESS OF ADIPOGENESIS AND DEPENDENTS ON ROS AND PKA SIGNALING.

TOXICOLOGY

759 (ID512)

Freire, Agustina¹; Garcés, Mariana¹; Cáceres, Lourdes¹; Sofía, Reynoso¹; Marchini, Timoteo¹; Octavio, Diana¹; Martinefski, Manuela²; Tripodi, Valeria²; Alvarez, Silvia¹; Calabró, Valeria; Magnani, Natalia¹; Evelson, Pablo¹. URBAN AIR INDUCES OXIDATIVE STRESS, INFLAMMATION AND DAMAGE OVER TIME IN MICE OLFACTORY BULB.

776 (ID144)

Ana Laura Alegre, Ramiro Alarcón, Lovera Lourdes, Rivera Oscar Edgardo, Dioguardi Gisela Haydee, Mónica Muñoz-de-Toro, Enrique Hugo Luque, Paola Inés Ingaramo. EFFECTS OF A GLYPHOSATE-BASED HERBICIDE ON THE OVARY FOLLICULAR DYNAMICS OF PREPUBERTAL LAMBS.

785 (ID392)

Yamila Herrero, Candela Velázquez, Pomponio Valeria, May María, Dalhia Abramovich, Leopoldina Scotti, Fernanda Parborell. CANCER AND MATERNITY: NATURAL COMPOUND TO PRESERVE FEMALE FERTILITY AGAINST CHEMOTHERAPY.