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SOCIEDAD ESPAÑOLA DE BIOINFORMÁTICA Y BIOLOGÍA COMPUTACIONAL

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FERIA DE VALENCIA





PÓSTERS.

1º Congreso Sociedad Española de Bioinformática
y biología computacional

C-0025 SINGLE-CELL ISOTOPIC LABELING AND METABOLIC MODELING REVEAL SUB-CLUSTERING AND NUTRIENT EXCHANGE IN AN ISOGENIC CYANOBACTERIAL POPULATION

Arián Ferrero Fernández; Paula Prondzinsky; Daniele De Martino; Andrea De Martino; Shawn McGlynn

C-0030 IDENTIFICATION OF NEW RISK GENES IN SEPSIS-INDUCED ACUTE RESPIRATORY DISTRESS SYNDROME USING A WHOLE EXOME-BASED APPROACH

Eva Tosco Herrera; Luis A. Rubio-Rodríguez; Adrián Muñoz-Barrera; David Jáspez; Eva Suarez-Pajes; Almudena Corrales; Aitana Alonso-Gonzalez; Miryam Prieto-González; Aurelio Rodríguez-Pérez; Demetrio Carriedo; Jesús Blanco; Alfonso Ambrós; Leonardo Lorente; María M. Martín; Jordi Solé-Violán; Carlos Rodríguez-Gallego; Elena González-Higueras; Elena Espinosa; Arturo Muriel-Bombin; David Domínguez; Abelardo García de Lorenzo; José M. Añón; Marina Soro; Jose M. Lorenzo-Salazar; Rafaela González-Montelongo; Jesús Villar; Carlos Flores;

C-0036 APLICACIÓN DE LA INTELIGENCIA ARTIFICIAL EN LA SELECCIÓN DE GAMETOS

Verónica Flores Muñoz;

C-0037 IMPLEMENTING A QUALITY MANAGEMENT SYSTEM IN A COMPUTATIONAL IMMUNOLOGY RESEARCH LAB

Susanna Márquez Gargallo; Steven H. Kleinstein; Salva Ardid;

C-0038 TRANSCRIPTOMA Y EPITRASCRIPTOMA MEDIANTE NANOPOROS DEL DESARROLLO HEPÁTICO BASADO EN IPSC HUMANAS

Pedro Garrido Rodríguez; María Llamas López; María Eugenia Chollet Dugarte; José Padilla Ruiz; Esther Navarro Manzano; Rosa Cifuentes Riquelme; Juan José Rojo Carrillo; Vicente Vicente; María Luisa Lozano; Sean Harrison; Gareth Sullivan; Javier Corral; Gerben Menschaert; Belén de la Morena Barrio;

C-0039 ESTABLISHMENT OF CONTINUOUS REFERENCE INTERVALS FOR CEREBROSPINAL FLUID HOMOVANILLIC AND 5-HYDROXYINDOLEACETIC ACIDS IN A LARGE PEDIATRIC POPULATION

Helena Rodríguez González; Aida Ormazabal; Mercedes Casado; Angela Y. Arias; Clara Oliva; Maria Barranco-Altirriba; Ricard Casadevall; Francesc García-Cuyas; Andrés Nascimento; Carlos Orteiz; Daniel Natera-de-Benito; Thais Armangué; Maria M. O'Callaghan; Natalia Juliá-Palacios; Alejandra Darling; Juan Darío Ortigoza-Escobar; Carme Fons; Angels García-Cazorla; Alexandre Perera-Lluna; Rafael Artuch;

C-0040 DETECTION OF METAGENOMIC FUNCTIONAL ENZYME VARIANTS OF BIOTECHNOLOGICAL AND ECOLOGICAL INTEREST THROUGH PHYLOGENOMICS

Jacob González Isa González Isa; Carlos Pérez Cantalapiedra; Jordi Burguet Castell; Jaime Huerta Cepas;

C-0044 BREAKING DATA SILOS: ESTABLISHING A FEDERATED NETWORK FOR GENOMIC VARIANTS ACROSS HOSPITALS

José Luis Villanueva Cañas; Guerau Fernandez; Joe Kane; Alejandro Moles-Fernández; Manuel Rueda; Marc Pybus; Cinthia Aguilera Román; Ania Alay; Celia Badenas Orquin; Nidia Barco-Armengol; Ignacio Blanco; Natalia Blay; Elisabeth Castellanos; Rafael de Cid; David Cordero; Eduardo Delgado De la Iglesia; Anna Esteve Garcia; Laura Gort Mas; Jordi Leno-Colorado; Oriol Lopez-Doriga; Irene Madrigal Bajo; Gemma Milla Martin; Aina Montalbán Casafont; Josep Oriola Ambrós; Miriam Potrony Mateu; Jordi Rambla; Laia Rodríguez-Revenga; Arnau Soler Costa; Nino Spataro; Eudald Tejero; Xavier Solé Acha; Babita Singh; Eva González Roca; Laureen Fromont; Ariadna Padró Miquel; Elena Garcia-Arumi; Benjamin Rodriguez-Santiago; Delia Yubero;



C-0046 AUTOMATED GENE ONTOLOGY PROTEOME ANNOTATION USING PRE-TRAINED NEURAL NETWORKS
Laura Kamenetzky ; Álvaro López Malizia; Kevin Calupiña; Ines Sananez; Lucas Maldonado; Nahili Giorello; Mark Blaxter; Gisela Franchini;

C-0049 INFRAESTRUCTURA DE LA MEDICINA DE PRECISIÓN ASOCIADA A LA CIENCIA Y LA TECNOLOGÍA EN MEDICINA GENÓMICA (IMPACT)-GENOMICS; EXPERIENCE FROM NASERTIC-NAVARRABIOMED IMPACT SEQUENCING NODE.

Ibai Goicoechea Oroz; Igor Ruiz de los Mozos; Sergio Galera; Enric Vercher; Maria Luisa Mansego; Oihane Erice; Leyre Huarte; Silvia Esteban; Raúl Tonda; Davide Piscia; Sergi Beltran; Jorge Amigo; Fernando Alvira; Ángel Alonso; Gonzalo R Ordoñez;

C-0050 METREF, AN AUTO-UPDATABLE WEB APP FOR REFERENCE / REPRESENTATIVE GENOMES AND THEIR COMPLEXITY METRICS

Pablo Román-Escrivá; Wladimiro Díaz-Villanueva; Vicente Arnau; Andrés Moya;

C-0052 MUTATIONAL LOAD OF SOMATIC VARIANTS IN AUTOINFLAMMATORY DISEASES-ASSOCIATED GENES
Jaume Reig Palou; Juan Ignacio Aróstegui; Ferran Casals;

C-0054 IMPROVING GENOMIC PREDICTION OF AMR IN K. PNEUMONIAE USING MACHINE LEARNING
Jordi Sevilla Fortuny; Fernando González Candelas; Neris García González;

C-0057 MAPPING THE DETECTABLE METABOLIC SPACE OF BIO-BASED PRODUCTION USING THE DETSPACE SERVER

Hèctor Martín; Ricardo Marín Bautista; Pablo Carbonell;

C-0063 DECIPHERING SEX-BASED DIFFERENCES IN ALCOHOL USE DISORDER FROM PLASMA EXTRACELLULAR VESICLE CONTENT USING DIFFERENT OMICS

Carla Perpiñá Clérigues; Susana Mellado Valero; Cristina Galiana-Roselló; María Pascual Mora; Francisco García-García;

C-0065 SPATIAL TRANSCRIPTOMICS UNVEILS NOVEL POTENTIAL DISEASE MECHANISMS ASSOCIATED WITH THE BONE MARROW MICROENVIRONMENT IN MULTIPLE MYELOMA

Laura Sudupe; Emma Muiños-Lopez; Ana Rosa López Pérez; Amaia Vilas-Zornoza; Sarai Sarvide; Purificacion Ripalda-Cemborain; Paula Aguirre-Ruiz; Patxi San Martin-Uriz; Marta Larrayoz; Laura Alvarez-Gigli; Marta Abengozar-Muela; Itziar Cenzano; Miguel Cócera; Javier Ruiz; Ignacio Sancho; Azari Bantan; Aleksandra Kurowska; Jin Ye; Vincenzo Lagani; Bruno Paiva; Phillip Newton; Jesper Tegner; Borja Saez; Jose Angel Martinez-Climent; Isabel A. Calvo; David Gomez-Cabrero; Felipe Prosper;

C-0066 CHARACTERIZATION OF HEMATOPOIETIC STEM CELL SUBTYPES THROUGH SINGLE CELL MULTI-OMIC ANALYSIS REVEALS INSIGHTS INTO CELLULAR HETEROGENEITY

Daniel Mouzo Calzadilla; Asier Ortega-Legarreta; Ana Rosa López-Pérez; Rubén Gil-Bescos; Núria Planell; Patxi San Martin-Uriz; Patricia Jauregui; Jose Rifon; Vincenzo Lagani; Robert Lehmann; Paula Río; Jesper Tegnér; Juan Roberto Rodríguez-Madoz; Felipe Prósper; David Gómez-Cabrero;

C-0067 GENESETCLUSTER 2.0: AN UPGRADED COMPREHENSIVE TOOLSET FOR SUMMARIZING AND INTEGRATING GENE-SETS ANALYSIS

Asier Ortega-Legarreta; Alberto Maillo; Daniel Mouzo; Ana Rosa López-Pérez; Lara Kular; Majid Pahlevan Kahki; Jesper Tegner; Maja Jagodic; Ewoud Ewing; David Gomez-Cabrero;

C-0069 SPATIALLY-RESOLVED MULTISCALE MODELS SHED LIGHT INTO PERSONALIZED DRUG TREATMENTS
Alejandro Madrid Valiente; Arnau Montagud Aquino; Alfonso Valencia Herrera;

C-0070 FUNCTIONAL INVOLVEMENT OF OVER-EXPRESSED GENES IN PULP TISSUE FROM PATIENTS WITH IRREVERSIBLE PULPITIS THROUGH BIOINFORMATIC ANALYSIS

José Olivio Castellón De la Torre; Evelyn Landeros Villalpando; María del Carmen Leal Moya; Napoleón González Silva; Juan Manuel Guzmán Flores; Edgar Iván López Pulido;

C-0071 SECUENCIACIÓN NGS EN PACIENTES CON TRASTORNOS DEL NEURODESARROLLO
Nino Spataro ;



C-0073 ALTERNATIVE SPLICING AS A GENE CONTROL MECHANISM IN SCHWANN CELL FUNCTIONS

Cristina Riobello Suárez; Paula Ayuso García; Sergio Velasco Avilés; Jorge Cañas Martín; Pedro Ferreiro Rego; Eva María Esquinas Román; Luis Pedro Íñiguez; Manuel Irimia; Juan Valcárcel; Marta Varela Rey; Ashwin Woodhoo;

C-0076 EMPIRICAL SUBSTITUTION OF PROTEIN EVOLUTION: CLASSIFICATION, RELATIONSHIPS AND DATABASE

Roberto Del Amparo Temporao;

C-0077 DECIPHERING THE TRANSCRIPTOMIC CHANGES INDUCED BY THE PROBIOTIC BPL1 IN CAENORHABDITIS ELEGANS

Paola Corbín-Agustí; Miguel Ponce-de-Leon; Ferrán Balaguer; Miren Maicas; Patricia Martorell; Carmen Solaz-Fuster; Juan F. Martínez-Blanch; Alfonso Valencia; Juli Peretó; Daniel Ramón;

C-0078 PHYSIOPATHOGENIC ANALYSIS OF FETAL ACIDOSIS BY UNSUPERVISED MACHINE LEARNING EVALUATION OF CORD BLOOD ACID-BASE BALANCE PARAMETERS

LUIS MARIA LOPEZ GARCIA; ELENA CARRILLO MARINAS; DAVID GARCERAN HERRAIZ; ESTER LOPEZ DEL CERRO; ISABEL MOSCARDO CHAFER; MAR GIMENO VICENTE; MARTA VALIENTE ALBERO; MARIA RIBES MONZO; ANTONIO VICENTE ANTOLI FRANCES;

C-0080 MULTI-OMICS DATA INTEGRATION REVEALS DISTINCT METABOLIC SUBTYPES OF COLORECTAL CANCER

David López Blanco; Silva Marin; Carles Foguet; Miriam Tarrado-Castellarnau; Berta Bori-Bru; Josep Centelles; Sergio Madurga; Marta Cascante;

C-0081 ASSESSMENT OF BIOINFORMATIC TOOLS FOR DE NOVO ASSEMBLY OF HUMAN WHOLE GENOMES USING NANOPORE SEQUENCING TECHNOLOGIES

Adrián Muñoz-Barrera; Luis A. Rubio-Rodríguez; David Jáspez; Almudena Corrales; Itahisa Marcelino-Rodríguez; José M. Lorenzo-Salazar; Rafaela González-Montelongo; Carlos Flores;

C-0083 INTEGRATING MULTI-OMICS DATA INTO GENOME-SCALE METABOLIC MODELS IDENTIFIES UNIQUE METABOLIC VULNERABILITIES LINKED TO THE CHEMORESISTANCE OF FOLFOX CHEMOTHERAPY IN COLORECTAL CANCER

Marta Cascante Serratos; David López-Blanco; Sergio Madurga; Berta Bori-Bru; Raul Pérez-León; Miriam Tarrado-Castellarnau; Francesc Mas; Pedro de Atauri; Silvia Marín;

C-0084 A SINGLE CELL TRANSCRIPTOMICS META ANALYSIS REVEALS SEX-SPECIFIC PHENOTYPES IN MAIN BRAIN CELL TYPES IN PARKINSON'S DISEASE.

Fernando Gordillo-González; Irene Soler-Sáez; Borja Gómez-Cabañales; Hector Carceller; Cristina Galiana-Roselló; Marta R. Hidalgo; Francisco García-García;

C-0087 GENNIUS: AN ULTRAFAST DRUG-TARGET INTERACTION INFERENCE METHOD BASED ON GRAPH NEURAL NETWORKS

Uxía Veleiro; Jesus de la Fuente; Guillermo Serrano; Marija Pizurica; Mikel Casals; Antonio Pineda-Lucena; Silve Vicent; Idoia Ochoa; Olivier Gevaert; Mikel Hernaez;

C-0090 AUTOMATED ASSESSMENT OF SARS-COV-2 INTRA-PATIENT DATASETS WITH VIPERA (VIRAL INTRA-PATIENT EVOLUTION REPORTING AND ANALYSIS)

Miguel Álvarez Herrera; Jordi Sevilla; Paula Ruiz-Rodríguez; Andrea Vergara; Jordi Vila; Pablo Cano-Jiménez; Fernando González-Candelas; Iñaki Comas; Mireia Coscollá;

C-0092 TRAJECTORY INFERENCE AND TRANSCRIPTIONAL REGULATORS OF T CELL RESPONSE UPON IMMUNOTHERAPY IN NON-MELANOMA SKIN CANCER

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C-0095 UNA APROXIMACIÓN TRANSCRIPTÓMICA PARA LA SELECCIÓN EMBRIONARIA TRAS EL DIAGNÓSTICO GENÉTICO PREIMPLANTACIONAL PARA ANEUPLOIDÍAS

David Ortega-Jaén; Amparo Mifsud; María Luisa Pardiñas; Ángel Martín; Julia Gil; María José de los Santos;



C-0101 LEVERAGING CONSENSUS: A NOVEL APPROACH TO MOLECULAR DOCKING FOR IMPROVED ENRICHMENT OF ACTIVE COMPOUNDS

Jochem Nelen ; Miguel Carmena-Bargueño; Carlos Martínez-Cortés; Alejandro Rodríguez-Martínez; José Manuel Villalgordo-Soto; Horacio Pérez-Sánchez;

C-0102 OPTIMIZING GROMACS MOLECULAR DYNAMICS SIMULATIONS WITH ASGARD'S AUTOMATED ANALYSIS

Alejandro Rodríguez Martínez; Jochem Nelen; Miguel Carmena Bargueño; Carlos Martínez Cortés; Irene Luque ; Horacio Pérez Sánchez;

C-0103 UNVEILING SHARED TRANSCRIPTOMIC PROFILES OF MELANOMA BRAIN METASTASES AND THE NEURODEGENERATIVE DISORDERS ALZHEIMER'S, PARKINSON'S AND MULTIPLE SCLEROSIS

Irene Soler Sáez; Alcida Karz; Marta R. Hidalgo; Borja Gómez-Cabañes; Adolfo López-Cerdán; José F. Català-Senent; María de la Iglesia-Vayá; Eva Hernando; Francisco García-García;

C-0104 TARGETING METABOLIC VULNERABILITIES IN COLORECTAL CANCER: INSIGHTS FROM IMMUNE-METABOLIC CLASSIFICATION

Sergio Madurga Díez; Silvia Marín; Francesc Mas; Joan Maurel; Marta Cascante;

C-0105 TOLEDO: ENHANCING MD SIMULATION OUTCOMES IN DRUG DISCOVERY

Miguel Carmena Bargueño; Carlos Martínez-Cortés; Antonio Jesús Banegas-Luna; Horacio Pérez-Sánchez;

C-0106 UNA APROXIMACIÓN A LA BIOLOGÍA DE SISTEMAS MEDIANTE COMPUTACIÓN CON MEMBRANAS

Aya Alsayed; Raquel Ceprián; Ahmed Hafez; Vicente Arnau; Carlos Llorens; Jose M. Sempere Luna;

C-0108 CAN THE WEIRDEST AMPHIBIANS SAVE US? DIVERSITY AND MOLECULAR EVOLUTION OF ANTIMICROBIAL PEPTIDES IN CAECILIANS.

Mario Benítez Prián; Héctor Lorente-Martínez ; Ainhoa Agorreta; David J. Gower; Mark Wilkinson; Kim Roelants; Diego San Mauro ;

C-0109 TREEPROFILER: A COMMAND-LINE TOOL FOR COMPUTING AND VISUALIZING PHYLOGENETIC PROFILES AGAINST LARGE TREES

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C-0121 APRENDIZAJE PROFUNDO EXPLICABLE PARA LA PREDICCIÓN DE FENOTIPOS DE MUESTRAS EN DATOS DE SCRNA-SEQ

Jordi Martorell-Marugán; Raúl López-Domínguez; Juan Antonio Villatoro-García; Daniel Toro-Domínguez; Marco Chierici; Giuseppe Jurman; Pedro Carmona-Sáez;

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Raghad Shuwaikan;

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Ines Sananez; Kevin Calupiña; Lucas Maldonado; Nahili Giorrello; Gisela Franchini; Laura Kamenetzky

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Natalia Macchiaroli; Agustin Baricalla; Lucas Arce; Gisela Franchini; Laura Kamenetzky

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Marta Portasany Rodríguez; Elena García Sánchez; María Ivanova; Ana Gomez; Gonzalo Soria-Alcaide; Jaanam Lalchandani; África González; Ana Casado-García; Belén Ruíz Corzo; Ana Castillo; Lorea Abad; Ana Chamorro; Blanca Herrero; M^a Isabel Buedo Rubio; Verónica Fernández; Antonio Molinés; José Manuel Vagace ; Marta Villa; Marina García Morín; Isidro Sánchez García; Manuel Ramírez Orellana; Jorge García;

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Enrique Goñi Echeverría; Aina María Mas; Amaya Abad; Marta Santisteban; Puri Fortes; Maite Huarte; Mikel Hernaez;



C-0134 UNRAVELING THE PHYLOGENETIC SIGNAL OF GENE EXPRESSION FROM SINGLE-CELL RNA-SEQ DATA
Joao Miguel Fernandes Alves; Laura Tomás; David Posada;

C-0135 A FUNCTIONAL CAR-T CELL ATLAS TO UNRAVEL THE REGULATORY MECHANISMS OF CAR-T CELLS
Sergio Cámara Peña; María E. Calleja-Cervantes; Paula Rodríguez-Marquez; Lorea Jordana-Urriza; Nir Yosef; Idoia Ochoa; Felipe Prosper; Juan R. Rodríguez-Madoz; Mikel Hernaez

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Marta Núñez-Salvador; Antonio González-Sánchez; Julia Corell-Sierra; Pascual Villalba-Bermell; Gustavo Gómez;

C-0149 BEYOND BACTERIA: INVESTIGATING THE EUKARYOTIC COMMUNITY IN THE GUT OF NON-HUMAN PRIMATES
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C-0150 A BIOINFORMATIC PIPELINE FOR THE IDENTIFICATION OF SNVS AND CNVS IN CIRCULATING TUMOR CELL CLUSTERS
Nair Varela-Rouco; Nuria Estévez-Gómez; Cristóbal Fernández-Santiago; Laura Tomás; José Antonio Trillo; Pilar Alvaríño; João M Alves; Roberto Piñeiro; David Posada;

C-0155 ALTERNATIVE SPLICING VARIABILITY BETWEEN HUMAN POPULATIONS AT SINGLE-CELL RESOLUTION
Rubén Chazarra Gil;

C-0157 DATOS-CAT: METHODOLOGIES FOR THE STANDARDIZATION, INTEGRATION AND ANALYSIS OF POPULATION-BASED BIOMEDICAL COHORT GCAT
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C-0167 HTGANALYZER: NEW TOOL FOR QC AND ANALYSIS FOR HTG TRANSCRIPTOME PANEL
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C-0171 COMPUTATIONAL EXPLORATION OF PPARA AGONISTS: INTEGRATING LIGAND- AND STRUCTURE-BASED MODELING FOR TARGETED DRUG DISCOVERY
Laureano E. Carpio ; Rita Ortega-Vallbona; David Talavera-Cortés; Addel Goya-Jorge; Eva Serrano-Candelas; Rafael Gozalbes;

C-0178 MORE THAN SAPIENS: LARGE-SCALE EXAMINATION OF THE PROKARYOTIC COMMON PRIMATE GUT MICROBIOME
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C-0179 PREDICTING THE SENSITIVITY OF AMPHIBIAN AND REPTILE SPECIES TO ANTICOAGULANT RODENTICIDES
Noelia Marín Prat; David Hernández-Moreno; Azucena Bermejo-Nogales;

C-0185 PDA CONSENSUS™: A CONSENSUS MOLECULAR CLASSIFIER FOR PANCREATIC DUCTAL ADENOCARCINOMA
Pablo Villoslada-Blanco ; Lola Alonso; Sergio Sabroso-Lasa; Miguel Maquedano; Evangelina López de Maturana; Núria Malats



C-0186 SEMANTICCRF: A SEMANTICALLY-ENHANCED PLATFORM FOR CLINICAL RESEARCH ON RARE DISEASES
María Antonia Parreño González; María del Carmen Legaz García; Fernando Pérez Sanz; Álvaro Hernández Vicente;
Pablo Sánchez-Luengo Ruiz-Séiquer; Teresa Rubio Martínez-Abarca; Angel Esteban Gil;

C-0187 OPTIMIZACIÓN DE DETECCIÓN DE ISOFORMAS DE SPLICING MEDIANTE SECUENCIACIÓN POR LECTURAS LARGAS

Marina Luz Ingravidi ; Ianina, Ferder; Liliana, Dain; Laura Kamenetzky

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Rafael Lahoz Beltra; Julio Gil Garcia; Covadonga Vázquez Estevez, Aurora Belén Patiño Alvarez, Jessica Gil Serna;
Pilar López González-Nieto, Gonzalo Montero Albacete, Sofia Bravo Moreno, Álvaro Rafael Peregrina Alonso, José
María Codesido Castellano;

C-0190 CONFORMATIONAL AND ACTIVITY FREE ENERGY SIMULATIONS OF GLUTATHIONE PEROXIDASE 6 (GPX6)
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C-0192 SINGLE-CELL RNA-SEQ ANALYSIS REVEALS SEX AND CELL TYPE-SPECIFIC TRANSCRIPTIONAL RESPONSES
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C-0199 ESTUDIO ESTRUCTURAL DE UNA RETROTRANSCRIPTASA MUTANTE PARA LEER MOLDES DE ÁCIDOS
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C-0200 BACTERIAL ADHESINS IMPLICATED IN ROOT AND GUT ATTACHMENT

Gerardo Mejia Vazquez; Andrés Moya; Luis D. Alcaraz;

C-0202 INTEGRATIVE MULTI-OMICS ANALYSIS FOR PATIENT CLASSIFICATION AND BIOMARKER DISCOVERY USING
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Alberto Labarga Gutierrez; Judith Martinez-Gonzalez;

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Alberto Labarga Gutierrez; Judith Martinez-Gonzalez;

C-0204 STRUCTURAL MODELING AND VALIDATION OF LEPTIN AND METRELEPTIN BINDING TO LEPTIN RECEPTOR

Paula Gómez-Plana; Javier Klett; Sara Herráiz-Gil;



C-0207 SINGLE-CELL CHARACTERIZATION OF MURINE NEURONAL SUBPOPULATIONS IN THE DEVELOPING CEREBELLAR NUCLEI

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C-0208 UNRAVELING ATHLETIC PERFORMANCE: TRANSCRIPTOMICS AND EXTERNAL LOAD MONITORING IN HANDBALL COMPETITION

Pol Ezquerro Condeminas; Milos Mallol; Roger Font; Victor Tremps; Jose Antonio Gutiérrez; Gil Rodas; Alexandre Perera Lluna; José Manuel Soria;

C-0209 NEURONAL FATE DETERMINANTS SHOW DISTINCTIVE EXPRESSION FEATURES THAT ARE CONSERVED ACROSS EVOLUTIONARY DIVERGENT SPECIES

Antonio Jordán Pla; Adrián Tarazona Sánchez; Nuria Flames;

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Andrea Carolina Atúnkar Huamán; Romina Astrid Rebrij; Ana de la Cruz Benito; José Antonio del Campo Morillo; Adrián Hernández Jiménez; Julián Sevilla Navarro; Ana Isabel Quinteiro García;

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Eduarne Urrutia Lafuente; Dido Carrero; On behalf of all VUSCan members;

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Estefania Huergo Iglesias; on behalf of all IRIS EDIH - Personalised and Precision Medicine members;

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C-0267 CLINBIONGS: AN INTEGRATED CLINICAL BIOINFORMATICS PIPELINE FOR THE ANALYSIS OF SOMATIC NGS CANCER PANELS

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C-0270 INTRODUCTION TO AN AI ALGORITHM FOR PATHOGENICITY ESTIMATION OF GENETIC VARIANTS AND ITS EVALUATION IN ATM CANCER PREDISPOSITION GENE

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Álvaro Serrano Navarro; Fernando Martinez de Benito; Fátima Sánchez Cabo;

C-0389 INTEGRANDO GENÓMICA Y SELECCIÓN GENÓMICA PARA MEJORAR LA RESISTENCIA DE TRIGO FRENTE A LA SEPTORIOSIS
Alejandro Domínguez Rondón;

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Ramiro Perezzan; Sandra Montalvo-Quirós; Carlos del Pozo-Rojas; Juan Pablo Romero; Francisco José Sánchez-Cuesta; Diego Herráez-Aguilar;

C-0391 IDENTIFYING CANDIDATE CONVERGENT AMINO ACID SUBSTITUTIONS RELATED TO CANCER ACROSS PRIMATE EVOLUTION
Miguel Ramon Alonso; Fabio Barteri; Alejandro Valenzuela; David Juan; Arcadi Navarro;

C-0393 SINGLE-CELL PERTURBATION TRANSCRIPTOMICS UNVEILS KEY TRANSCRIPTION AND CHROMATIN FACTORS IN NORMAL AND MALIGNANT HEMATOPOIESIS
Nerea Berastegui; Asier Ortega-Legarreta; Paula Garcia-Olloqui; Patxi San Martin-Uriz; Daniel Mouzo; Teresa Ezponda; David Gomez-Cabrero ; Felipe Prosper;

C-0394 INTEGRATIVE MULTI-OMICS CHARACTERIZATION OF KAWASAKI DISEASE VERSUS MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN (MIS-C)
Marta Alonso-Caubilla; Rebeca Kennedy-Batalla; Jorge de la Barrera; Daniel Jiménez-Carretero; Manuel J. Gómez; Grupo Clínico Hospital Universitario La Paz; Grupo Clínico Hospital Universitario 12 Octubre; Grupo Clínico Hospital Universitario Gregorio Marañón; Alberto García-Salido; Teresa Albendea-Gómez; Rafael Correa-Rocha; Fátima Sánchez-Cabo*; Silvia Martin-Puig*;

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Ana Hernandez Martinez;

C-0398 SINGLE-CELL RNA-SEQ DATA ANALYSIS: ASSIGNMENT OF GENE MARKERS TO SPECIFIC CELL TYPES AND GENERATION OF CELL-SPECIFIC SIGNATURES
Enrique De La Rosa; Natalia Alonso-Moreda; Alberto Berral-González; José Manuel Sánchez-Santos; Javier De Las Rivas Sanz;

C-0399 COLORECTAL CANCER (CRC) PATIENT STRATIFICATION BASED ON SURVIVAL ANALYSIS AND LINKED TO CONSENSUS MOLECULAR SUBTYPES (CMS) TO IDENTIFY PROGNOSTIC BIOMARKERS
Alberto Berral González; Emma Pérez-García; Santiago Bueno-Fortes; Manuel Martín-Merino; José Manuel Sánchez-Santos; Javier De Las Rivas Sanz;