

Number	Topic	Abstract	Day/Hour
P1	Innate Immunity	Intrathecal activation of classical and lectin pathway in patients with Multiple Sclerosis	Tuesday, May 15th. 13:30-15:00
P2	Innate Immunity	Neuroimmunological response of MBL, H- and M-ficolins in patients with Guillain-Barré Syndrome	
P3	Innate Immunity	MAP44 passage from blood to cerebrospinal fluid and the theory of the molecular flow/ cerebrospinal flux	
P4	Innate Immunity	PMNs as "Trojan horse" vehicles for Brucella abortus persistence and dispersion in murine bone marrow	
P5	Innate Immunity	TEACHING IMMUNOLOGY BASED ON OPEN SCIENCE 'S PRINCIPLES	
P6	Innate Immunity	Phenotypic and functional characterization of macrophages subpopulations CD3+ TCRαβ+/TCRαβ-	
P7	Innate Immunity	TNFR1 modulates the recruitment of CD3+TCRαβ- and CD3+TCRαβ+ myeloid cells to the liver after BCG infection	
P8	Innate Immunity	Lower HDL levels during HIV-1 infection are associated with increased inflammatory markers and disease progression	
P9	Innate Immunity	Elucidating natural variations in the proinflammatory response of the domesticated bovine using an endotoxemia model	
P10	Innate Immunity	Myosin 1F promotes macrophage pro-inflammatory phenotype during colitis by controlling AKT/STAT signaling	
P11	Innate Immunity	Analysis of the inflammasome activation in early and late stages of infection with Dengue virus in a model of endothelial cells	
P12	Innate Immunity	CHOLERA TOXIN AND ITS NON-TOXIC β SUBUNIT PROMOTE THE RECRUITMENT AND TRAINING FEATURES IN SKIN DENDRITIC CELLS	
P13	Innate Immunity	Lactobacillus fermentum UCO-979C beneficially modulates the innate immune response triggered by Helicobacter pylori infection	
P14	Innate Immunity	Comparative study of the immunomodulatory activities of lactobacilli strains in porcine intestinal epithelial cells: effect on the innate antiviral immune response	
P15	Innate Immunity	Immunomodulatory properties of microcapsules containing Lactobacillus rhamnosus UCO-25A in planktonic or biofilm forms: impact on intestinal and systemic immunity	
P16	Innate Immunity	Cathepsin L3 from Fasciola hepatica induces IL-1β and IL-18 secretion in a NLRP3 dependent manner on dendritic cells	
P17	Innate Immunity	Lactobacillus paracasei fermented milks: immunomodulatory properties of the nonbacterial fraction on gastric and intestinal epithelial cells	
P18	Innate Immunity	MIF and male gender have a fundamental role in innate immunity against Leishmania mexicana infection in a murine model	
P19	Innate Immunity	Macrophage galactose-type lectin (MGL) receptor plays a critical role in the infection against Trypanosoma cruzi	

P20	Innate Immunity	INFLUENCE OF MICROENVIRONMENT OF ADIPOSE TISSUE FROM LEAN, OVERWEIGHT AND OBESE SUBJECTS IN THE INFLAMMATORY PHENOTYPE OF MACROPHAGES
P21	Innate Immunity	Searching for the natural ligand of Human Aminopeptidase N (CD13)
P22	Innate Immunity	Neutrophil stimulation through CD13 regulates release of neutrophil extracellular traps (NETs)
P23	Innate Immunity	Participation of PKIB and the PKA pathway in the differentiation and function of type 2 innate lymphoid cells
P24	Innate Immunity	The microRNA miR-671-5p targets genes involved in antigen processing and presentation in porcine monocytes stimulated with probiotic BB12
P25	Innate Immunity	NMDA RECEPTOR ANTAGONIST KETAMINE INDUCES A REGULATORY MACROPHAGE PROGRAM ON HUMAN MONOCYTES
P26	Innate Immunity	IMMUNOMODULATION AS A THERAPEUTIC TOOL FOR CHRONIC INFLAMMATION DURING HIV INFECTION
P27	Innate Immunity	TLR2- dependent sensing of dengue virus induces early RIPK1-mediated necroptosis and TNF- α production
P28	Innate Immunity	Valproic acid inhibits the production of gamma-interferon by murine NK cells
P29	Innate Immunity	Polyacrylic acid-coated iron oxide nanoparticles could be usefully tool to in vivo track mononuclear phagocytes subsets without extensively compromise most of their basic functions
P30	Innate Immunity	Taenia crassiceps infection induces the recruitment of low density neutrophils with suppressive activity
P31	Innate Immunity	Effect of 30-kDa protein from Salmonella typhimurium in the production of extracellular traps and proinflammatory cytokines by neutrophils
P32	Innate Immunity	DUAL EFFECTS OF SAGS OF THE EGC OPERON ON INNATE IMMUNE CELLS
P33	Tumor Immunology	p16 overexpression and high levels of Treg cells in smokers young patients with oropharyngeal cancer
P34	Tumor Immunology	Peripheral blood T cells in Pathologic Complete Response after Neoadjuvant Chemotherapy for Luminal locally advanced Breast Cancer
P35	Tumor Immunology	STUDY OF THE PARTICIPATION OF MIF IN THE DEVELOPMENT OF INTESTINAL MICROBIOTA DURING THE GENESIS OF MURINE CRC
P36	Tumor Immunology	STAT1 signaling protects mice from Colorectal Cancer Development and modulates the Recruitment of Inflammatory Monocytes and Granulocytes
P37	Tumor Immunology	Analysis of mitochondrial content and mitochondrial membrane potential in CD8+ T cells from lung cancer patients
p38	Tumor Immunology	Regulation of immunophenotype modulation of monocytes-macrophages from M1 to M2 by prostate cancer cell culture supernatant via the transcription factor STAT3

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P39	Tumor Immunology	Pentoxifylline induces apoptosis in human retinoblastoma cancer Y79 cells and increased effects to Carboplatin-induced apoptosis. Caspase-8 activity and NF-kB participation
P40	Tumor Immunology	ROLE FOR MIF IN COLORECTAL CANCER DEVELOPMENT IN MICE C57BL/6
P41	Tumor Immunology	Macrophage migration inhibitory factor is a positive modulator of macrophage-driven-immune response in colorectal tumors at early stages of cancer progression
P42	Tumor Immunology	A recombinant strain of Newcastle disease virus shows antitumor and immunostimulatory activity in vitro
P43	Tumor Immunology	MESENCHYMAL STROMAL CELLS DERIVED FROM CERVICAL CANCER INDUCE THE EXPRESSION OF CD73 ON CERVICAL CANCER CELLS THROUGH THE PRODUCTION OF TGF- β AND IL-10
P44	Tumor Immunology	Decreased gene expression profiling of cell surface receptors related to NK cells in breast cancer tissue resistant to antineoplastic treatment
P45	Tumor Immunology	Increased plasmatic detection of the ectonucleotidases CD39 and CD73 during cervical cancer progression is correlated with the generation of increased amounts of adenosine
P46	Tumor Immunology	IL-10, TGF- β induce the expression of CD73 in membrane and the release of soluble CD73 in tumor cells of cervical cancer
P47	Tumor Immunology	Relationship of Interleukin 33 with metastasis-supporting events in colorectal cancer patients
P48	Tumor Immunology	Lung cancer immunotherapy: the Center of Molecular Immunology approach
P49	Tumor Immunology	Tumor aggressiveness is promoted through cell to cell communication
P50	Tumor Immunology	SOLUBLE FACTORS FROM BREAST CANCER TUMOR CELLS INDUCE IMMUNE CELLS ACTIVATION, PROMOTING INVASION OF NON-AGGRESSIVE TUMOR CELLS
P51	Tumor Immunology	CD49b ⁺ T regulatory cells and their suppressive mechanisms differ from classical nTregs in a murine melanoma model
P52	Tumor Immunology	Characterising T cell dysfunction in human colorectal cancer
P53	Tumor Immunology	Essential oil of Eugenia uniflora as a potential immunomodulator in tumoral response
P54	Tumor Immunology	Detection of immunogenic cell death markers in wild-type and EGFR-mutated lung adenocarcinoma cell lines exposed to chemotherapeutic agents
P55	Tumor Immunology	Mesenchymal stroma cells derived from primary breast tumors have immunoregulatory properties that can favor tumor development
P56	Tumor Immunology	ANALYSIS OF IMMUNOSUPPRESSIVE CAPABILITY OF MESENCHYMAL STROMAL CELLS FROM PATIENTS WITH CERVICAL CANCER AGAINST NK CELLS
P57	Tumor Immunology	Interplay between high risk HPV oncoproteins with estrogen and prolactin: effects on the hormonal receptors expression, cell metabolism and the cytokine profile
P58	Tumor Immunology	The CD43 sialomucin promotes tumor cell survival and tumor growth

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P59	Tumor Immunology	Analysis of T-lymphocytes and their distinct subsets in lung adenocarcinoma patients previous and during treatment with conventional chemotherapy
P60	Tumor Immunology	THE IL17RA/IL17 PATHWAY SUSTAIN THE INDUCTION OF EFFECTOR AND MEMORY CYTOTOXIC T CELL RESPONSES AGAINST TUMORS
P61	Tumor Immunology	NLRP3 nuclear translocation regulates IL-4 expression in patients with cutaneous lymphoma in early stage
P62	Tumor Immunology	Role of the signal transducer and activation of transcription 6 in regulation of Wnt/ β -catenin signaling pathway in early stages of Colitis-associated Colon Cancer
P63	Tumor Immunology	REGULATION OF IL-6 EXPRESSION BY E5, E6 AND E7 PROTEINS FROM HIGH AND LOW RISK HUMAN PAPILOMAVIRUSES
P64	Tumor Immunology	Expression of GPER in cervical cancer and its precursor lesions: effect of its stimulation on the viability of cell lines derived from this cancer
P65	Tumor Immunology	Cross-hybridization between alpha-3 HPV genotypes in the Linear Array Genotyping Test
P66	Tumor Immunology	Crosstalk between NF- κ B and the HOXA9 transcription factor and its relation with immune respond in Cervical Cancer derived cells
P67	Tumor Immunology	Contributions of the CD43 sialomucin to shape the tumorigenic environment: The secretion of factors that modulate the tumorigenic process in A549 cells
P68	Tumor Immunology	Vaccination-induced skin-resident CD8 ⁺ T cells mediate and broaden protective immunity against melanoma
P69	Tumor Immunology	Prophylactic antitumoral adjuvant effect of Cry1Ac protoxin and toxin on breast cancer murine model
P70	Tumor Immunology	Cytotoxic effect of the ethanolic extracts of fresh and dry leaves of <i>Annona muricata</i> L. in breast cancer cell lines
P71	Tumor Immunology	IL-2 rescues peripheral blood mononuclear cells from apoptosis induced by cervical cancer cells HeLa and Caski
P72	Tumor Immunology	The HPV-18 E6 oncoprotein down-regulates CD40 expression
P73	Clinical Immunology	Experience in the treatment of the refractory condylomatosis with interferon recombinant alfa2 in Cienfuegos Hospital.
P74	Clinical Immunology	Common Variable Immunodeficiency. About a case report
P75	Clinical Immunology	IgG antibody Index against Epstein Barr in Multiple Sclerosis patients
P76	Clinical Immunology	Global Clinical Trials Connect 2018
P77	Clinical Immunology	Serological markers of viral and autoimmune hepatopathy in coeliac patients

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P78	Clinical Immunology	Characterization of the immunoallergenic profile of the low molecular weight fraction of the allergenic extract of the mite Blomia tropicalis.
P79	Clinical Immunology	Characterization of nodular lymphoid hyperplasia in children with food allergy
P80	Clinical Immunology	Allergen Immunotherapy for asthma in a public healthcare setting: The Cuban experience
P81	Clinical Immunology	Evaluation of the use of Biomodulina T in the treatment of patients with Thymus Hypoplasia in Cuba
P82	Clinical Immunology	Approaches to endogenous intoxication evaluation in patients with facial phlegmons
P83	Clinical Immunology	Curricular strategies for to handle current challenges in the postgraduate medical education of the immunology specialty in Cuba
P84	Clinical Immunology	Contribution of HIV patient serum antibodies that recognize lymphocyte antigens to the inhibition of the HIV-1 envelope-dependent membrane fusion
P85	Clinical Immunology	**LRBA CHARACTERIZATION IN B LYMPHOCYTES
P86	Clinical Immunology	Dengue virus replication is inhibited in Chikungunya and Dengue co-infected Mexican infants
P87	Clinical Immunology	Evaluation of plasticity features in pathogenic Th17 lymphocytes from the blood and skin of psoriasis patients
P88	Clinical Immunology	Mutations pattern of Primary Antibody Deficiencies by Next Generation Sequencing
P89	Clinical Immunology	The Th-17 and Th1 cytokines in pediatric patients with chronic infection with Trypanosoma cruzi are associated with severity
P90	Clinical Immunology	Participation of lymphoid cells during the evolution of patients with acute myocardial infarction with ST segment elevation
P91	Clinical Immunology	Low percentages of regulatory T cells in Common Variable immunodeficiency (CVID) patients with autoimmune diseases; and association with increased numbers of CD4+CD45RO+ T and CD21low B cells
P92	Clinical Immunology	DIAGNOSIS AND DETECTION OF FEMALE CARRIERS OF CHRONIC GRANULOMATOUS DISEASE. INSTITUTO DE INVESTIGACIONES EN CIENCIAS DE LA SALUD ´S EXPERIENCE
P93	Clinical Immunology	Up regulation of TYRO3 tyrosine kinase receptor and PROS1 in the myeloid compartment of patients with Langerhans cell Histiocytosis (LCH)
P94	Clinical Immunology	Determination of IgA levels in saliva of patients with Systemic Lupus Erythematosus to assess SIgAD
P95	Translational Immunology	Targeting EGFR in cancer patients: passive and active therapy
P96	Translational Immunology	Wnt pathway regulators as biomarkers for diagnostic of rheumatoid arthritis
P97	Translational Immunology	IMMUNOPAEDIA: The worldwide immunology learning website

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P98	Translational Immunology	PERSONALIZED BONE MARROW ORGANOID-LIKE SYSTEM TO PREDICT CHEMORESISTANCE TO ANTINEOPLASTIC DRUGS IN ACUTE LEUKEMIAS
P99	Immunology of Infectious Diseases	The role of microRNAs in regulating autophagy and the inflammatory response during <i>Mycobacterium tuberculosis</i> infection
P100	Immunology of Infectious Diseases	Variation of major immunoglobulins in Septic Shock. Intensive Care Unit, Leon Cuervo Rubio Hospital. 2015-2017
P101	Immunology of Infectious Diseases	EVALUATION OF SERUM BIOMARKERS ASSOCIATED WITH TUBERCULOSIS
P102	Immunology of Infectious Diseases	Human Neutrophil Response Against the Hyper-Epidemic Clone of Carbapenem Resistant <i>Klebsiella pneumoniae</i> ST258
P103	Immunology of Infectious Diseases	Some immunological features of ejaculate with asymptomatic bacteriospermia
P104	Immunology of Infectious Diseases	Influence of <i>Pseudomonas aeruginosa</i> proteins OprF and aTox on cytokine profile of mice
P105	Immunology of Infectious Diseases	MURINE MODEL OF EARLY NEONATAL INVASIVE CANDIDOSIS
P106	Immunology of Infectious Diseases	Platelets promote <i>B. abortus</i> monocyte invasion by establishing complexes with monocytes
P107	Immunology of Infectious Diseases	Formation of Foamy Macrophages by Tuberculous Pleural Effusions is triggered by the IL-10/STAT3 Axis through ACAT up-regulation
P108	Immunology of Infectious Diseases	IL-10 production by Myeloid derived suppressor cells during <i>Klebsiella pneumoniae</i> ST258 infection induces an anti-inflammatory environment required for host survival
P109	Immunology of Infectious Diseases	Opportunistic diseases in HIV/aids patients with aids premiere that receiving antiretroviral therapy
P110	Immunology of Infectious Diseases	Expression of CX3RCR1 in monocytes and effector memory CD8+ T cells in peripheral blood of women with cervical intraepithelial neoplastic-I
P111	Immunology of Infectious Diseases	Local immune response evaluation on UVB-immunosuppressed C57BL/6 mice infected with <i>Leishmania mexicana</i>
P112	Immunology of Infectious Diseases	Transcriptome analysis of two <i>Mycobacterium tuberculosis</i> Colombian clinical isolates from the LAM family reveals different virulence programs to cause pathogenesis
P113	Immunology of Infectious Diseases	TRANSCRIPTIONAL PROFILE ASSOCIATED WITH TUBERCULOSIS-DIABETES COMORBIDITY IN HUMANS
P114	Immunology of Infectious Diseases	The human cytomegalovirus UL8 glycoprotein reduces pro-inflammatory cytokine production by myeloid cells through its immunoglobulin-like domain
P115	Immunology of Infectious Diseases	The role of HS1 in vascular permeability and PMN recruitment in the lung during sepsis

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P116	Immunology of Infectious Diseases	DUAL RNA SEQUENCING OF HUMAN SPLENIC MACROPHAGES INFECTED WITH Mycobacterium tuberculosis CLINICAL ISOLATES REVEALS DISTINCT MACROPHAGE AND BACTERIAL TRANSCRIPTOMES
P117	Immunology of Infectious Diseases	Dysfunctional IL-17-producing CD8+ T cells are associated with high immune activation in HIV-infected patients under HAART-induced viral suppression
P118	Immunology of Infectious Diseases	Susceptibility to Toxoplasma gondii infection is modified by a previous Taenia crassiceps infection
P119	Immunology of Infectious Diseases	THE TUBERCULOUS PLEURAL EFFUSION ALTERS THE METABOLIC REPROGRAMMING OF M1 ACTIVATED MACROPHAGES
P120	Immunology of Infectious Diseases	Effect of tamoxifen on the immune response of CBA/Ca mice infected with Plasmodium berghei ANKA
P121	Immunology of Infectious Diseases	Study of the Immune Response against the Acinetobacter baumannii Infection and Its Modulation by Means of the Antibiotic Resistance
P122	Immunology of Infectious Diseases	A role for IL-10 in the expansion and functional activation of CD8+ T cells during acute Trypanosoma cruzi infection
P123	Immunology of Infectious Diseases	Is adrenal cortex from TB patients a source of cytokines which contributes to get independence from HPA axis?
P124	T cell immunology	ANALYSIS OF ACTIVATION, PROLIFERATION AND IL-2 AND IFN- γ PRODUCTION IN EFFECTOR AND CENTRAL MEMORY T CELLS IN RESPONSE TO Mycobacterium tuberculosis
P125	T cell immunology	Association Study between HLA genes and Climatic Droplet Keratopathy (CDK) in a cohort from the Patagonian region of Argentina
P126	T cell immunology	In vitro exposure to DDE alters miR-146 expression levels in peripheral blood mononuclear cells
P127	T cell immunology	The role of IgC-like domain during CRTAM-NECL2 Interaction
P128	T cell immunology	Sepsis-induced chronic inflammation impairs CD8 T cell effector function through an epigenetic mechanism
P129	T cell immunology	TLR stimulation in leukemic T cells and endothelial cells induces the expression of molecules needed to accomplish transendothelial migration
P130	T cell immunology	EVALUATION OF THE EPSTEIN-BARR VIRUS (EBV)-SPECIFIC T LYMPHOCYTE IMMUNE RESPONSE IN HIV+ PATIENTS IN THE DIFFERENT CLINICAL STAGES OF THE DISEASE AND IN PATIENTS WITH HIV-ASSOCIATED LYMPHOMA
P131	T cell immunology	Zinc supplementation and its impact on the production of Interleukin 21
P132	T cell immunology	The interaction between CD43 and Mycobacterium tuberculosis' chaperonin "Cpn60.2" leads to an inflammatory response based on IFN- γ and TNF- α in T cells
P133	T cell immunology	The CD43 Intracellular Domain Regulates Ag-Specific T Cells Responses

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P134	T cell immunology	Long-term culture of human resting CD4 ⁺ T cells: homeostatic cytokine concentration-dependent expression of activation markers and proliferation in memory cells
P135	T cell immunology	Does functional up-regulation of KCa3.1 channels influences the proliferative potential of leukemic cells?
P136	T cell immunology	TGF-beta signaling controls Treg stability under inflammatory conditions
P137	T cell immunology	Control of Th1 cell responses by TGF-β
P138	T cell immunology	Estrogen receptors modulators demonstrate antileukemic properties in human acute lymphoblastic T-cell leukemia cell line Jurkat
P139	T cell immunology	Cannabidiol suppresses human leukemic T cells via breakdown of the mitochondrial function: the role of intracellular Ca ²⁺
P140	T cell immunology	LIPOPOLYSACCHARIDE INDUCES CD38 EXPRESSION ON EFFECTOR AND MEMORY CD4 ⁺ AND CD8 ⁺ T CELLS, AND THE PRESENCE OF THIS PROTEIN ENHANCES ITS PROLIFERATION AND EFFECTOR RESPONSES
P141	T cell immunology	CLINICAL RELEVANCE OF THE GAL1-GLYCAN AXIS IN MULTIPLE SCLEROSIS
P142	T cell immunology	Role of Nr1p in Foxp3+Treg-dependent suppression mechanism
P143	T cell immunology	Inhibins modulate T cell activation and T effector function differentiation
P144	T cell immunology	The interplay between CD43, CD28 and the TCR signals can lead to different activation outcomes
P145	T cell immunology	INFLUENCE OF CRACC ON CD8 ⁺ T CELL FUNCTION
P146	T cell immunology	Genetic and molecular characterization of WAS patients in Mexican population
P147	T cell immunology	APPLICATION OF A MOLECULAR ALGORITHM FOR THE IDENTIFICATION OF GENETIC CAUSES ASSOCIATED WITH HEMOPHAGOCYtic LYMPHOHYSTIocytosis
P148	T cell immunology	CD43 processing in T lymphocytes
P149	T cell immunology	Analysis of the putative interaction sites within the cytoplasmic tail of CD5 with RAS GAP, a negative regulator of TCR signaling during T cell development
P150	Neuroimmunoendocrinology	Participation of the hypothalamic TRPV1 receptor in the reproductive axis
P151	Neuroimmunoendocrinology	IFN-γ induces a tolerogenic phenotype on macrophages/microglia during the chronic phase of experimental autoimmune encephalomyelitis
P152	Neuroimmunoendocrinology	An Enriched Environment restores glucose homeostasis, reduces inflammation and modifies microRNA levels in the hypothalamus of obese mice
P153	Neuroimmunoendocrinology	Contribution of vasopressin to pulmonary tuberculosis immunopathology
P154	Neuroimmunoendocrinology	Effect of 17β-estradiol on oxidative stress and antioxidant activity in female mice infected with P. berghei ANKA
P155	Neuroimmunoendocrinology	Understanding the autophagy-inflammation correlation in the Alzheimer's Disease development

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P156	Neuroimmunoendocrinology	New effective therapeutic approaches to control neuroinflammation improve several neuropathologies	<p style="text-align: center;"> Tuesday, May 15th. 13:30- 15:00 </p>
P157	Neuroimmunoendocrinology	The antagonistic effects of the Tumor Necrosis Factor and the Brain Derived Neurotrophic Factor on cholinergic neuritogenesis and viability	
P158	Neuroimmunoendocrinology	Mycobacterium tuberculosis induces neuroinflammation and behavioral abnormalities during progressive pulmonary tuberculosis	
P159	Neuroimmunoendocrinology	dysfunction activity	
P160	Neuroimmunoendocrinology	Vitamin D, Melatonin, Psychoneuro-endocrine-immunology and aging in Curitiba, Brazil	
P161	Neuroimmunoendocrinology	Effect of DHEA in Diabetes type 2 & Tuberculosis Comorbidity	
P162	Neuroimmunoendocrinology	Effect of Caspase-1-dependent inflammation on the protein levels of the BDNF/TRKB and TNF/TNFRII neuroprotector modules in a familial Alzheimer´s disease mouse model	
P163	Antibodies	Molecular analysis of NKT cells from mice with Lupus induced by the stabilization of non-bilayer phospholipid arrangements	<p style="text-align: center;"> Wednesday, May 16th. 13:30-15:00 </p>
P164	Antibodies	IgG, but not IgA, protects infant mice against oral C. rodentium infection	
P165	Antibodies	dengue severe and no severe of endemic area	
P166	Antibodies	CEA labeling on the surface of colon cancer cells, employing a shark vNAR antibody	
P167	Antibodies	antibody libraries	
P168	B cell biology	tonsillar hypertrophy and recurrent tonsillitis	
P169	B cell biology	3D-migration of B lymphocytes is reduced in the absence of Myosin 1g	
P170	B cell biology	Myosin 1e supports the migration of B cells	
P171	B cell biology	Nocardia brasiliensis	
P172	B cell biology	Tetraspanin 33 (TSPAN33) regulates adhesion and chemotaxis of human B lymphocytes by affecting the composition and tension of the plasma membrane	
P173	B cell biology	germinal centers formation in minor salivary glands from primary Sjögren´s syndrome patients	
P174	B cell biology	B lymphocytes	
P175	B cell biology	DELAYED PROLIFERATION AND INCREASED APOPTOSIS IN B CELL LINES WITH LRBA DEFICIENCY	
P176	B cell biology	IgMhi and IgMlo human memory B cells	
P177	B cell biology	infection and other arboviruses	
P178	B cell biology	A Potential Role for Mitochondrial Ca2+ Overload in B Cell Fate Determination	
P179	B cell biology	MURINE	
P180	B cell biology	New insights of TSPAN33 function in B-cells	
P181	B cell biology	PD-L1+ REGULATORY B CELLS ARE SIGNIFICANT DECREASED IN RHEUMATOID ARTHRITIS PATIENS AND INCREASE AFTER GOOD TREATMENT RESPONSE	

P182	B cell biology	Myosin 1g, in collaboration with GTPases of the Rho family, participate in the recycling of CD44 present in the lipid rafts of B lymphocytes
P183	Immune Regulation	TIM3 expression in polarized M1/M2 human macrophages
P184	Immune Regulation	The role and expression of long-noncoding RNA in periodontal disease: A pilot study
P185	Immune Regulation	Epigenetic Changes (miR-155 expression levels) in Immune Cells in Mexican Women Exposed to Polycyclic Aromatic Hydrocarbons
P186	Immune Regulation	Conjugated bilirubin increases T regulatory cell suppressor function during hepatitis A virus infection through a T cell immunoglobulin and mucin domain containing proteins- mediated mechanism
P187	Immune Regulation	PD-1 regulates the expression of HELIOS and EGR2 in self-reactive CD8 ⁺ and CD4 ⁻ CD8 ⁻ T cells
P188	Immune Regulation	Hypermethylation of PPP2R2B represents a novel mechanism by which chronic inflammation perpetuates itself
P189	Immune Regulation	NR4A2 and NR4A3 expression differ in immune cells from RSA patients compared to normal fertile women
P190	Immune Regulation	In vitro analysis of Immunoregulatory capacities of skin derived mesenchymal stromal cells from healthy donors and patients with psoriasis
P191	Immune Regulation	Chronic high Fructose ingestion in water decrease miR-155-5p and increase SOCS1 and C/EBPB expression in rat visceral adipose tissue
P192	Immune Regulation	The HIV-1 envelope induces fusion between monocytes and lymphocytes generating hybrid cells with an activated monocyte-like phenotype mediated by intracellular TL2/TLR4 signalling
P193	Immune Regulation	REGULATORY T CELL INDUCTION BY EXCRETION-SECRETION PRODUCTS FROM Taenia crassiceps CYSTICERCIS FOR POSSIBLE ANTIINFLAMMATORY USE
P194	Immune Regulation	Role of interferon (IFN)-gamma over the induction of T regulatory lymphocytes in experimental autoimmune encephalomyelitis
P195	Immune Regulation	PP2A B55 β limits the lifespan of self-reactive and pathogen-specific CD8 T cells through the pro-apoptotic molecule Hrk
P196	Immune Regulation	Relationship between the expression of HSP60 and the Unfolded protein response in THP-1 monocytes
P197	Immune Regulation	Regulation of tolerogenic markers on human dendritic cells by MYC
P198	Immune Regulation	GENERATION OF A MOUSE WITH LYMPHOPROLIFERATIVE DISORDER PLUS B CELL DEFICIENCY (B6. μ MT/lpr) AS A MODEL FOR THE STUDY OF AUTOIMMUNITY AND IMMUNODEFICIENCY
P199	Immune Regulation	THE DIETARY FLAVONOIDS: HESPERIDIN AND NARINGENIN, DECREASES THE ACTIVATION AND PROLIFERATION OF SPLENOCYTES B AND T CELLS FROM A LUPUS PRONE-MICE

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P200	Immune Regulation	CD38 ENHANCES THE ACTIVATION AND PROLIFERATION OF REGULATORY T CELLS
P201	Immune Regulation	The immunoactivation mechanism of Cry1Ac Bacillus thuringiensis protoxin in macrophages: possible role of Vimentin as an interacting protein
P202	Immune Regulation	Inhibins regulate peripheral induction of regulatory T cells through modulation of dendritic cells
P203	Immune Regulation	Monocytes and Th2 cells, possible mediators of the inflammatory and neurodegenerative response in untreated Parkinson disease patients
P204	Immune Regulation	Differential Expression Patterns of Secreted Frizzled Related Protein Genes in different stages of Rheumatoid Arthritis
P205	Immune Regulation	EARLY RECRUITMENT OF MONOCYTES AND GRANULOCYTES BY EXCRETED / SECRETED ANTIGENS OF Taenia crassiceps
P206	Immune Regulation	Effect of Taenia solium calreticulin anti-inflammatory on murine macrophages
P207	Immune Regulation	NOVEL IMMUNOREGULATORY POINTS TO CONTROL FASCIOSIS
P208	Immune Regulation	The co-stimulation of Transferon® and low concentrations of LPS increases the phagocytic activity in THP1- macrophages
P209	Immune Regulation	Role of regulatory T cells in the inflammatory process associated to breast cancer in obesity
P210	Immune Regulation	Suppression of Immune Regulation in a Murine Model of Progressive Pulmonary Tuberculosis
P211	Immune Regulation	Hepatic expression of miR-21, HIF1A and TGF beta ligands (TGFB1, TGFB2, TGFB3) and receptors (TBRI, TBRIL, BAMBI) in broilers with cold induced pulmonary hypertension
P212	Immune Regulation	Modulation of acute and chronic inflammation by the mineralocorticoid receptor in animal models
P213	Immune Regulation	CD5-CK2 SIGNALING AXIS IS INVOLVED IN THE GENERATION OF REGULATORY T CELLS
P214	Immune Regulation	ROLE OF ADIPOSOMES IN THE INFLAMMATORY PROCESS ASSOCIATED BREAST CANCER IN OBESITY
P215	Mucosal Immunity	Effect of Muscarine and Atropine on production of myeloperoxidase by neutrophils in lamina propia of small intestine
P216	Mucosal Immunity	Effects of stimulation of muscarinic receptors in the secretion of IgAs intestinal in mice
P217	Mucosal Immunity	STAT signaling in Intestinal Epithelial Cells during colitis
P218	Mucosal Immunity	Effect of cholecystokinin (CCK) on the production of IgA in the small intestine of mice
P219	Mucosal Immunity	IFN-gamma regulates STAT3 activation IL-6 mediated in epithelial cells during colitis

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P220	Mucosal Immunity	Effect of Muscarine and Atropine on production of myeloperoxidase by neutrophils in lamina propria of small intestine
P221	Mucosal Immunity	Interleukin 6 activates STAT3 in colonic intestinal epithelial cells
P222	Mucosal Immunity	Increased amounts of IgA1 and IgA2 in human colostrum are associated with infections during pregnancy
P223	Mucosal Immunity	Lactobacillus reuteri induces gut intraepithelial CD4+CD8 alpha alpha + T cells
P224	Mucosal Immunity	Antibody responses against Saccharomyces cerevisiae, D-mannose and D-glucose in Crohn's disease patients and non-ill subjects
P225	Mucosal Immunity	Polysaccharides as target of thymus-independent mucosal immune responses and possible cross protection
P226	Mucosal Immunity	THE DIMINUTION OF THE ALLERGIC SENSITIZATION BY A PROBIOTIC AND A SYNBIOTIC IS VINCULATED TO CHANGES IN THE INTESTINAL MUCOSA IN ASTHMATIC RATS
P227	Mucosal Immunity	High fat diet feeding modifies experimental dry eye disease in a strain-dependent manner
P228	Mucosal Immunity	Lack of Macrophage Migration Inhibitory Factor (MIF) Attenuates Inflammation and Clinical Signs of Experimental Dry Eye Disease
P229	Mucosal Immunity	Intestinal immune response to nematodes in pigs
P230	Mucosal Immunity	Analysis of intestinal lymphoid populations in BALB/c mice underwent moderate exercise
P231	Mucosal Immunity	Mucosal exposure to cigarette components induces intestinal inflammation, colitis and Paneth cells alterations in mice
P232	Mucosal Immunity	Bacillus subtilis a novel probiotic to improve innate immunity and host health parameters
P233	Mucosal Immunity	Role of STAT1, STAT6 and IL-4Ra in the development of ulcerative colitis
P234	Mucosal Immunity	Antigen excreted/secreted from Taenia crassiceps modulate the development experimental colitis
P235	Mucosal Immunity	Exposure to an enriched environment attenuates mouse experimental colitis
P236	Mucosal Immunity	MIF favors pregnancy-associated periodontitis and oral inflammation in experimental murine model
P237	Mucosal Immunity	The effects of an Enriched Environment on the interleukin 18 expression levels in a murine model of colitis
P238	Mucosal Immunity	Exposure to all-trans retinoic acid (ATRA) during parenteral immunization increases mucosal immunity in an antigen-specific manner
P239	Microbiomes	Dysbiosis in the colon and mesenteric lymph nodes is associated with inflammation and bacterial translocation in an experimental rat model of cholestasis

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P240	Microbiomes	Modulatory effect of moderate exercise on some components of intestinal microbiota of BALB/c mice
P241	Microbiomes	Diet, microbiota, and bacterial translocation markers in elderly population in Western México
P242	Microbiomes	Characterization of microbiota and probiotics from HIV-positive and negative elderly patients
P243	Microbiomes	Two New In Vivo Model Systems to Directly Examine Human Gut Microbiota's Role in Human T Cell Development and Immunity
P244	Microbiomes	Differences in the intestinal microbiota structure and in the innate immune response in individuals infected with Blastocystis
P245	Systems Immunology and Immunoinformatics	Dynamics of the regulatory network of lymphocytes
P246	Systems Immunology and Immunoinformatics	Modeling the multi-modular network of normal B lymphopoiesis blockage in acute leukemias
P247	Systems Immunology and Immunoinformatics	Immunoinformatic approach to the selection of animal models of hypersensitivity based on the similarity of two molecular targets at genomic level
P248	Systems Immunology and Immunoinformatics	The regulatory network controlling DCs differentiation
P249	Systems Immunology and Immunoinformatics	Meta-analysis of the Macrophage Migration Inhibitory Factor -173 G/C and -794 CATT5-8 Polymorphisms: Geographical and Pathophysiological Association with Disease
P250	Systems Immunology and Immunoinformatics	Regulatory Network Showcases Mechanisms Underling CD4+ T Cell Differentiation and Plasticity
P251	Systems Immunology and Immunoinformatics	MiRNAs expression profile at early rheumatoid arthritis and validation of hsa-miR-361-5p as biomarker for early diagnosis
P252	Systems Immunology and Immunoinformatics	Understanding Class Switch Recombination related non-coding (CSR-nc) transcription through experimental analysis and data mining of RNA-seq experiments at the NCBI Sequence Read Archive, the GTEx and TCGA projects
P253	Systems Immunology and Immunoinformatics	Macrophages and Breast Cancer Interactions: A Dynamical Approach
P254	Systems Immunology and Immunoinformatics	Diabetes type 2 as an inflammatory disease: a complex network analysis
P255	Systems Immunology and Immunoinformatics	MODEL FOR THE STUDY OF HIPERSENSITIVITY TO DRUGS BASED ON BUCILLAMINE AND THE HLA-DRB1*08:02 ALLELE IN COLOMBIAN INDIGENOUS POPULATIONS
P256	Tumor Immunology	Prophylactic antitumoral adjuvant effect of Cry1Ac protoxin and toxin on breast cancer murine model
P257	Tumor Immunology	STAT6 attenuates inflammation and drives protection against colitis--associated colon cancer

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P258	Tumor Immunology	DISTRIBUTION PATTERN OF THE NATURAL CYTOTOXIC RECEPTOR NKp30 IN NK SUBPOPULATIONS FOLLOWING THE NATURAL HISTORY OF THE CERVICAL CANCER
P259	Tumor Immunology	Determination of metastatic biomarkers expression levels in Circulating Tumor Cells in Diffuse Large B Cell Lymphoma patients
P260	Tumor Immunology	Cervical cancer cells are induced to produce TGF- β through CD73-adenosine pathway: a preliminar report
P261	Tumor Immunology	Autophagy regulates the secretion of Macrophage Migration Inhibitory Factor (MIF) from Breast Cancer Cell Lines
P262	Tumor Immunology	Serum Galectin 9 levels in patients with cervical cancer
P263	Tumor Immunology	Exposure to hypoxia induces the secretion of CCL2 chemokine in mast cells activating signaling pathways that are shared by monomeric IgE
P264	Tumor Immunology	Is the classic signaling pathway of IL-6, associated with the coordination of structure-dependent tissue-dependent regeneration in the intestine?
P265	Tumor Immunology	Role of chemokines from tumor microenvironment in the macrophages infiltration and prognosis markers in colorectal cancer
P266	Tumor Immunology	EXPRESSION, PURIFICATION AND FUNCTIONAL CHARACTERIZATION OF SCFV ANTIBODY 3F12E7 TARGETING FGF2 EXPRESSED IN A MURINE TUMOR MODEL
P267	Tumor Immunology	Peripheral blood leukocytes populations and inflammatory markers as a prognostic tools for breast cancer patients during neoadjuvant chemotherapy
P268	Tumor Immunology	MICA regulates the expression of DAP10 and does not increase the phosphorylation of Akt in NKG2D positive cervical cancer cells
P269	Tumor Immunology	Exosomes produced by metastatic breast cancer cells induce more angiogenesis than non-metastatic breast cancer cells in spheroid culture conditions
P270	Tumor Immunology	Role of the CCR9 chemokine receptor in the recruitment of FoxP3 ⁺ Tregs cells in the tumor microenvironment in murine colorectal cancer
P271	Tumor Immunology	DNA DEMETHYLATING AGENTS ENHANCE CYTOLYTIC ACTIVITY RESULTING IN IMPROVED ANTI-TUMOR RESPONSE
P272	Tumor Immunology	A PRO-INFLAMMATORY MICROENVIRONMENT PROMOTION BY TUMOR miRNAs IN LEUKEMIC BONE MARROW
P273	Tumor Immunology	IMMUNOREGULATORY ROLE OF BONE MARROW MESENCHYMAL STROMAL CELLS IS PARTIALLY DISRUPTED IN ACUTE LEUKEMIAS
P274	Tumor Immunology	Transcriptional expression of Apc, K-Ras and β -Catenin and in a chemically induced murine model of colon cancer
P275	Tumor Immunology	Characterization of breast cancer patient-derived adiposomes and their effect on Treg generation and expansion
P276	Tumor Immunology	Exosomes produced by breast cancer cells induce and expand T regulatory T cells and increase their suppressor capacity

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P277	Tumor Immunology	In vitro evaluation of the effect of hydralazine and magnesium valproate into the chemotactic and proliferative relation of mast cell - tumor cell
P278	Tumor Immunology	Metabolic inhibition of tumoral anabolism and host catabolism in colorectal cancer
P279	Immunology of Infectious Diseases	<i>Brucella abortus</i> RNA is the vita-PAMP employed by this bacterium to inhibit the IFN- γ -induced Major Histocompatibility Complex (MHC) molecules surface expression, evading the host immune response
P280	Immunology of Infectious Diseases	MLIF administration improves cerebral malaria in <i>Plasmodium berghei</i> ANKA infected C57BL/6 mice
P281	Immunology of Infectious Diseases	MITOCHONDRIAL AND METABOLIC ALTERATIONS IN CD4 T CELL DURING THE ACUTE PHASE OF <i>TRYPANOSOMA CRUZI</i> INFECTION
P282	Immunology of Infectious Diseases	<i>Trypanosoma cruzi</i> Infection Induces First Wnt/ β -Catenin and then Wnt/Ca ²⁺ Pathway Activation in Macrophages which Favour the Parasite Replication
P283	Immunology of Infectious Diseases	Oxidative stress induced by glycolysis drives the crosstalk between monocytes and T cells in human Chagas disease
P284	Immunology of Infectious Diseases	The unfolded protein response sensor IRE-1 α modulates innate recognition and antigen presentation of melanoma tumor cells
P285	Immunology of Infectious Diseases	<i>Klebsiella pneumoniae</i> Prevents The Release of Neutrophil Extracellular Traps by Human Neutrophils
P286	Immunology of Infectious Diseases	Immune response of human cerebral endothelial cells to zika virus
P287	Immunology of Infectious Diseases	Analysis of the polymorphism 1729+55del4 in SLC11A1 gene and its association with the development of cutaneous leishmaniasis in Campeche, México
P288	Immunology of Infectious Diseases	EXPRESSION OF <i>Taenia solium</i> CYSTICERCUS ANTIGENIC PROTEINS FOR CYSTICERCOSIS IMMUNODIAGNOSIS
P289	Immunology of Infectious Diseases	Determination of inflammation, translocation and activation biomarkers in serum of elderly HIV+ patients
P290	Immunology of Infectious Diseases	Role of bovine lactoferrin in the cellular and humoral immune response during the acute phase of infection caused by <i>Trypanosoma cruzi</i> in BALB / c mice
P291	Immunology of Infectious Diseases	CHARACTERIZACION OF THE INHIBITORY EFFECT INDUCED BY TGF-BETA DURING IN VITRO CELL INFECTION BY H1N1 INFLUENZA VIRUS
P292	Immunology of Infectious Diseases	Mercury enhanced virulence of <i>Sporothrix schenckii</i> by fungal exposition to mercury and Th1/Th17 cells response in mice
P293	Immunology of Infectious Diseases	Phagocytosis is impaired from activation markers overexpression on monocytes from systemic inflammation patients
P294	Immunology of Infectious Diseases	Arthritogenic peptides presented by tolerogenic dendritic cells are able to reprogram effector CD4+ T cell responses from rheumatoid arthritis patients
P295	Immunology of Infectious Diseases	Levels of IL-23, IL-23Rs, IL-17A and IL-17RAs levels in plasma from patients with Rheumatoid arthritis and Chronic periodontitis

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P296	Immunology of Infectious Diseases	Expression of ADAM-10 Fas and Fas-L in NK and CD8+ T cells in peripheral blood of patients with chronic periodontitis
P297	Immunology of Infectious Diseases	Effect of <i>Cymbopogon citratus</i> and <i>Artemisia mexicana</i> on the mRNA expression of TNF-alpha and IFN-gamma
P298	Immunology of Infectious Diseases	Bovine tuberculosis biomarkers identification using microarray technologies.
P299	Immunology of Infectious Diseases	The role of Syk and STAT3 in the regulation of Interleukin 10 expression in human macrophages infected with <i>Mycobacterium bovis</i>
P300	Immunology of Infectious Diseases	Electrophoretic pattern and Western blot analysis of the components of the filtrate cultures and soluble cell wall fraction of <i>Mycobacterium bovis</i> isolates from the state of Zacatecas.
P301	Immunology of Infectious Diseases	inflammation
P302	Immunology of Infectious Diseases	Characteristic responses of CD38+ central memory CD4+ T cells to TCR engagement suggest a decreased survival capacity
P303	Immunology of Infectious Diseases	Role of NF-kB and lipids metabolism in the African-ancestry protection against Dengue Haemorrhagic Fever
P304	Clinical Immunology	AGING AFFECTS FREQUENCY OF NON-CLASSICAL MONOCYTES BUT NOT OTHER IMMUNE CELL POPULATION IN HUMAN
P305	Clinical Immunology	Hydroxypropyl-beta-cyclodextrin as a potential drug to control chronic inflammation in HIV infection by inhibiting the activation of myeloid cells by microbial products
P306	Clinical Immunology	COMPARISON BETWEEN THE PPD AND THE DETECTION OF IGM AND IGG ANTIBODIES AGAINST M. TUBERCULOSIS BY THE ELISA TEST AS METHODS OF DIAGNOSIS AND FOLLOW UP OF LATENT AND ACTIVE TB IN DIABETIC PATIENTS TYPE 2
P307	Clinical Immunology	High body fat percentage, physical inactivity, and male children's telomere length
P308	Clinical Immunology	Identification of inflammatory molecules in monocytes challenged with lipopolysaccharide (LPS) of children with metabolic syndrome (MS)
P309	Clinical Immunology	CXCL16 and Zn influence over human nutrition
P310	Clinical Immunology	Development of a lateral flow assay for the differential diagnosis of active and latent tuberculosis in Mexican population using serum biomarkers
P311	Clinical Immunology	Extracellular vesicles isolated from septic patients enhance leukocyte transendothelial migration
P312	Clinical Immunology	DIFFERENTIAL CYTOKINE PROFILES ACCORDING TO INFLAMMATION LEVEL AND STEATOSIS IN NON-ALCOHOLIC FATTY LIVER DISEASE
P313	Clinical Immunology	Study of the cross-reaction antibodies of patients with Dengue against ZIKA
P314	Clinical Immunology	Treatment with the dopaminergic agonist Pramipexole induces changes in the peripheral immune response in Parkinson disease patients

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P315	Clinical Immunology	Leukodepletion of donor platelet concentrates reduces TH17 cell differentiation and cytokine production on allogenic T CD4+ cells	<p style="text-align: center;">Wednesday, May 16th. 13:30-15:00</p>
P316	Clinical Immunology	THE ROLE OF CXCL10 IN BALB/C MICE SUPPLEMENTED WITH ZINC	
P317	Clinical Immunology	Characterization of the cellular components in peripheral blood aggregates from patients diagnosed with systemic inflammation	
P318	Clinical Immunology	Definite diagnosis for primary immunodeficiencies by Clinical Exome Sequencing; a novel mutation case report	
P319	Clinical Immunology	CHARACTERIZATION AND EVOLUTION OF PERIPHERAL LYMPHOCYTE POPULATIONS IN PATIENTS AFFECTED BY ALZHEIMER AND PARKINSON DISEASE	
P320	Clinical Immunology	Levels of proinflammatory cytokines in type 2 diabetes mellitus smokers and non-smokers patients. A preliminar report	
P321	Clinical Immunology	GRP78 is a new potential therapeutic target for childhood leukemia	
P322	Clinical Immunology	Levels of proinflammatory cytokines in type 2 diabetes mellitus smokers and non-smokers patients. A preliminary report	
P323	Clinical Immunology	Rheumatoid factor combined with Anti-Modified Citrullinated Vimentin is associated to risk cardiovascular in rheumatoid arthritis	
P324	Clinical Immunology	ACTIVATION OF CD4 AND CD8 TCR-Vβ2+ CELLS IN KAWASAKI DISEASE SHOCK SYNDROME	
P325	Vaccines	Neuroimmunological approach for evaluation of viral measles, mumps and rubella (MMR) triple vaccine	<p style="text-align: center;">Thursday, May 17th. 13:30- 15:00</p>
P326	Vaccines	Challenging the vaccine adjuvant´s Gaston definition	
P327	Vaccines	Role of polysaccharides from bacteria and commensals as mucosal vaccine adjuvants	
P328	Vaccines	The adjuvant effect of Neisseria meningitidis Outer Membrane Proteoliposome on the immune response to the Blomia tropicalis allergen Blo t 5	
P329	Vaccines	The Immunology in the university formation, research, and translational products in Cuba	
P330	Vaccines	Prematurity and immune response to vaccine antigens	
P331	Vaccines	Evaluation of the immunogenicity of Zika virus envelope protein domain III encapsulated in nanoparticles	
P332	Vaccines	Protection induced by intradermal immunization with Salmonella Typhi porins correlate with the induction of memory T cells and dendritic cell responses in skin and draining lymph node	
P333	Vaccines	Quillaja brasiliensis leaf saponins and their nanoparticles are strong inducers of early immune responses	
P334	Vaccines	U-OMP19 FROM Brucella abortus INCREASES dmLT IMMUNOGENICITY AND IMPROVES PROTECTION AGAINST HEAT-LABILE TOXIN (LT) ORAL CHALLENGE IN VIVO	

P335	Vaccines	Evaluation of the memory immune response induced by the novel pertussis formulation based on outer membrane vesicles
P336	Vaccines	WHY ARE MOONLIGHTING PROTEINS SO ABUNDANT IN PATHOGEN MICROORGANISMS VIRULENCE AND SO SCARCE AS PROTECTIVE SUBUNIT VACCINES?
P337	Vaccines	TARGETING OF ROTAVIRUS VP6 TO LANGERIN INDUCES A STRONG PROTECTIVE IMMUNE RESPONSE AGAINST THE INFECTION IN MICE
P338	Vaccines	Development of Bioluminescent H1 T. cruzi for Evaluation of Tissue Specific Immune Response
P339	Vaccines	Design, expression and purification of two multi-epitopic vaccines for HIV-1
P340	Vaccines	A methodology to assess in vitro infectivity of Trypanosoma cruzi in human monocytes
P341	Vaccines	Expression of Breast Cancer-related epitopes targeting IGF-1 receptor, in chimeric Human parvovirus B19 virus-like particles
P342	Vaccines	Immunostimulatory capacity of the Trypanosoma cruzi TcTASV protein family engineered with different adjuvants
P343	Vaccines	Alternatives to multiple doses of allergy´s immunotherapy
P344	Vaccines	Neutralizing antibodies induced by two recombinant BCG strain induces a protective immune response against human respiratory syncytial virus and human metapneumovirus
P345	Vaccines	Polysaccharides from bacteria and commensals as possible mucosal vaccine and adjuvants
P346	Vaccines	ANTI-IDIOTYPIC MONOCLONAL ANTIBODY 10.D7, MIMICKING VASCULAR ENDOTHELIUM GROWTH FACTOR (VEGF), INHIBITS METASTASIS FORMATION
P347	Vaccines	Evaluation of the immunogenicity of a new pneumococcal conjugate vaccine (PCV10) administered concomitantly with the Heberpenta®-L vaccine in rabbits
P348	Veterinary Immunology	Differential responses to a bovine respiratory disease challenge based on Bovine Herpes Virus 1 antibody titer status
P349	Veterinary Immunology	Retrospective analysis of relationships between pro-inflammatory, hematology, and metabolic variables, and mortality following a bovine respiratory disease challenge in weaned calves
P350	Veterinary Immunology	Cross-species infection with Bovine viral diarrhea virus and implications of meat derived from persistently infected animals
P351	Veterinary Immunology	Antibodies generated against bovine CD205 using a bioinformatics approach
P352	Veterinary Immunology	TILMICOSIN A KEY REGULATOR OF INFLAMATION IN BOVINE MAMMARY GLAND
P353	Veterinary Immunology	DEVELOPMENT OF AN INDIRECT ELISA BASED ON CONSERVED PEPTIDES FOR THE DETECTION OF ANTIBODIES AGAINST <i>Babesia bigemina</i>

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P354	Veterinary Immunology	Characterization of cDC1 and cDC2 and the expression of DEC205 on porcine lymphoid tissues
P355	Veterinary Immunology	Atypical granuloma formation by <i>Mycobacterium bovis</i> in young calves
P356	Veterinary Immunology	Production and development of an ELISA-PPA for the diagnosis of <i>Mycobacterium avium</i> subsp. paratuberculosis in red deer (<i>Cervus elaphus</i>)
P357	Veterinary Immunology	Isolation and identification of turkey pox virus and development of an homologous vaccine prototype
P358	Veterinary Immunology	Validation of two indirect enzyme-linked immunosorbent assays for the diagnosis of canine brucellosis
P359	Veterinary Immunology	Macrophage apoptosis induction by proteins and lipids of <i>Mycobacterium bovis</i>
P360	Veterinary Immunology	Development of a multiplex test for diagnosis of goat diseases
P361	Comparative Immunology	Design and application of the new Immunology program in the context of the Cuban medical education area
P362	Comparative Immunology	NS1 DENGUE VIRUS PROTEIN AFFECTS THE ARBOVIRAL INFECTION IN INSECT CELLS
P363	Comparative Immunology	<i>Aedes aegypti</i> antiviral adaptive response against DENV-2
P364	Comparative Immunology	<i>Aedes aegypti</i> midgut DNA synthesis de novo is an essential antiviral strategy against Dengue virus serotype 2 replication
P365	Comparative Immunology	Endoreplication as a mechanism for immunological priming in the mosquito <i>Anopheles albimanus</i> against <i>Plasmodium berghei</i>
P366	Comparative Immunology	Characterization of pericardial cells immune response in the malaria vector <i>Anopheles albimanus</i>
P367	Immunotechnology	Influence of <i>Pseudomonas aeruginosa</i> proteins OprF and aTox on cytokine profile of mice
P368	Immunotechnology	Implications of silver nanoparticles on phenotypic changes in murine bone-marrow derived dendritic cells
P369	Immunotechnology	Delimitation of colon cancer using modified Nidogen-1: development of an immuno-tool for tumor therapy
P370	Immunotechnology	Development of human monoclonal antibodies against multidrug resistant bacteria
P371	Immunotechnology	ALLELE DIVERSITY AT SIX HLA LOCI: A*, B*, C*, DRB1*, DQB1*, DPB1*, IN TWO REGIONS OF MEXICO DETERMINED BY SEQUENCE BASED TYPING (SBT) AND NEXT GENERATION SEQUENCING (NGS): THE HIGHLANDS AND THE SOUTH-EAST
P372	Immunotechnology	Production and characterization of monoclonal antibodies against human IgA
P373	Immunotechnology	POLYMORPHISM ANALYSIS OF 24 SHORT TANDEM REPEATS (STRs) IN A LARGE SAMPLE OF HEALTHY MEXICAN MESTIZO SUBJECTS STUDIED FOR PATERNITY TESTING
P374	Immunotechnology	Random coil structure in immunoglobulin-like domains of CRTAM as potential regions for interaction with its ligands

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P375	Immunotechnology	Interesting Diversity of Full HLA Class I and Class II Genes Typed Using NGS (Next Generation Sequencing) In The Mestizo Population From The City of Oaxaca, South-East Mexico
P376	Immunotherapy	Specific active immunotherapy with a VEGF targeted vaccine: from bench to bedside
P377	Immunotherapy	**Improvement of antitumor immune response by adding a HIF-1a inhibitor in the immunization against melanoma in mice
P378	Immunotherapy	Effects of Mesenchymal Stem Cells on endothelial dysfunction induced by Shiga toxin, the causative agent of Hemolytic Uremic Syndrome
P379	Immunotherapy	Salmonella-mediated anti-melanoma effect is dependent on caspase-1 activation
P380	Immunotherapy	Attenuated Salmonella as neoadjuvant therapy for melanoma-bearing mice undergoing chemotherapy
P381	Immunotherapy	Arthritogenic peptides presented by dendritic cells re-establish tolerance
P382	Immunotherapy	Cacalolides from the medicinal plant species Psacalium decompositum and P. peltatum inhibit FcεRI-dependent degranulation in mast cells by the blockage of ROS
P383	Immunotherapy	Monoclonal antibodies specifically targeting protein β-sheet secondary structure can diminish toxic oligomers and pathology in neurodegenerative diseases
P384	Immunotherapy	Potential Therapeutic Application of Newcastle Disease Virus for the treatment of Lymphoma
P385	Immunotherapy	Mesenchymal Stem Cells Derived from Human Bone Marrow, Dental Pulp, Gingival Tissue and Periodontal Ligament: In Vitro Evaluation of Their Differentiation and Immunosuppressive Capacities
P386	Immunotherapy	Multiepitope VLPs of B19 parvovirus reduce tumor growth and lung metastasis in aggressive breast cancer model
P387	Immunotherapy	Effect of human intravenous immunoglobulin on the expression of Fc gamma receptors in monocytes and granulocytes
P388	Immunotherapy	EVALUATION OF FUNCTIONAL CAPACITY TO SUPPORT LYMPHOPOIESIS BY MESENCHYMAL STROMAL/STEM CELLS (MSCs) COMING FROM NEONATAL TISSUES
P389	Immunotherapy	TARGETING THE HUMAN PAPILLOMAVIRUS TYPE 16 E5 ONCOPROTEIN TO DENDRITIC CELLS AS THERAPEUTIC VACCINE AGAINST CANCER
P390	Immunotherapy	EXCRETED/SECRETED PRODUCTS FROM A HELMINTH PARASITE INHIBITS TUMORIGENESIS ON THE EARLY STAGES OF COLITIS ASSOCIATED COLORECTAL CANCER
P391	Immunotherapy	Orally administered recombinant Taenia solium calreticulin ameliorates experimental colitis
P392	Immunotherapy	Cell-permeable Bak BH3 peptide expressed on the surface of Salmonella enterica induce chemosensitization of tumor cells

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P393	Immunotherapy	Adenoviral vectors coding pro-inflammatory cytokines as therapy for tuberculosis
P394	Immunotherapy	ANTI-CANCER RESPONSE MEDIATED BY DLE TRANSFERON®- INDUCED CD11c+ NK CELLS
P395	FOCIS	Molecular mechanisms of ubiquitin-mediated NETosis regulation in patients with Systemic Lupus Erythematosus
P396	FOCIS	Immunomodulatory effects of a third generation synthetic nitroalkene in solid organ allotransplantation
P397	FOCIS	SEB stimulation induces functional pathogenic features in Th17 cells from psoriasis patients
P398	FOCIS	A prospective study unveils innate and adaptive immunity abnormalities as key risk factors for infections in patients with systemic lupus erythematosus: Results from the GERMEN cohort
P399	FOCIS	IL-33 AND THE PRO-INFLAMMATORY RESPONSE OF COLONIC FIBROBLASTS FROM PATIENTS WITH INFLAMMATORY BOWEL DISEASE ARE MODULATED BY INTERLEUKIN-17
P400	FOCIS	Bone marrow organoid-like reveals functional hierarchy governed by the niche in B-cell leukemia-initiating cells
P401	FOCIS	IL1B negatively regulates antiviral immunity in a mouse model of viral hepatitis
P402	FOCIS	Siglec-1 promotes the activation of human neutrophils
P403	FOCIS	Tmem176b is a checkpoint in IL-1B-dependent tumor immunity
P404	FOCIS	Characterization of the Th2 environment and local IgE production in colorectal polyps of allergic patients
P405	FOCIS	Production, selection and characterization of monoclonal antibodies against outer membrane vesicles derived from Bordetella pertussis
P406	FOCIS	Promising anti-inflammatory and antimicrobial peptide isolated from the mexican tree frog Pachymedusa dancicolor in the treatment of inflammatory skin diseases
P407	FOCIS	Role of CD43 in the establishment of the immune microenvironment during Mycobacterium tuberculosis infection
P408	FOCIS	Cortactin is Highly Expressed in B-cell Precursor Cells of Childhood Acute Lymphoblastic Leukemia: Implications for transendothelial migration and relapse
P409	FOCIS	MOLECULAR AND GENETIC DESCRIPTION OF PRIMARY IMMUNODEFICIENCIES IN MEXICAN PEDIATRIC PATIENTS
P410	FOCIS	In vitro alloantigen specific Tr1 differentiation and expansion for therapeutic use in kidney transplantation
P411	FOCIS	Generation of large numbers of functional and stable human allo-specific induced-Tregs in the presence of pro-inflammatory cytokines

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P412	FOCIS	CRTAM+ NK CELLS ENDOWED WITH SUPPRESSOR PROPERTIES ARISE IN LEUKEMIC BONE MARROW
P413	FOCIS	IMMUNOSCORING IN BONE MARROW ASPIRATES AS A NOVEL TOOL FOR PROGNOSIS IN ACUTE LEUKEMIA PATIENTS
P414	FOCIS	The Vm24 scorpion toxin blocks Kv1.3 potassium channels and attenuates the effector memory T cells response
P415	Innate Immunity	Prokaryotic RNA activates endothelial cells and modulates their interaction with human neutrophils
P416	Innate Immunity	SCRIBBLE AND DLG1 PARTICIPATION DURING DENDRITIC CELL MATURATION AND ANTIGEN PRESENTATION
P417	Innate Immunity	The Recognition of CD43 by Streptococcus gordonii Hsa promotes macrophage activation
P418	Innate Immunity	DOWN REGULATION OF IL-1 β SECRETION BY TGF- β 1 IN MACROPHAGES INFECTED WITH VIRUS DENGUE
P419	Innate Immunity	Brucella abortus induce mast cells activation in vitro
P420	Innate Immunity	NLRP3 inflammasome activity is not regulated by NLRP10 expression in THP-1 macrophage-like cells infected by dengue virus
P421	Innate Immunity	Extracellular vesicles released by Mycobacterium tuberculosis infected J774A.1 macrophages induce a reduction of bacterial load in a murine progressive pulmonary tuberculosis model
P422	Innate Immunity	Mycobacterium tuberculosis promotes IL-21 and IL-21R expression in alveolar macrophages under in vitro infection
P423	Innate Immunity	SOLUBLE CD14 (sCD14) AND LIPOPOLYSACCHARIDE BINDING PROTEIN (LBP) IN CELIAC DISEASE
P424	Innate Immunity	Mycobacterium tuberculosis promotes IL-21 and IL-21R expression in alveolar macrophages under in vitro infection
P425	Innate Immunity	Role of estrogen and progesterone in gene expression of inflammasome regulator molecules
P426	Innate Immunity	Inhibitor Factor of the Migration of Macrophages (MIF) levels in gingival crevicular fluid, saliva and serum from subjects with periodontitis
P427	Innate Immunity	HIGH EXPRESSION OF TLR7 AND TLR9 IN RHEUMATOID ARTHRITIS
P428	Innate Immunity	Anti-TNF treatment in patients with Inflammatory Bowel Disease impairs pro-inflammatory cytokines secretion by circulating leucocytes
P429	Innate Immunity	MECHANISMS UNDERLYING THE IMMUNOMODULATORY PROPERTIES OF GK-1
P430	Innate Immunity	Nlrp1b1 inflammasome negatively modulates obesity-induced inflammation
P431	Innate Immunity	Expression of soluble and membrane IL-6 receptor in patients with SIRS / Sepsis

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P432	Innate Immunity	ANTIINFLAMMATORY EFFECT OF A NOVEL PEPTIDE AMELIORATE IMIQUIMOD-INDUCED PSORIASIS-LIKE SKIN IN MICE
P433	Innate Immunity	Expression of LOX-1 in circulating phagocytes of patients with sepsis
P434	Innate Immunity	Distribution of KIR3DL1/S1 Natural Killer Cell Immunoglobulin like Receptors (KIR) and their HLA Class I ligands in Mestizos from Mexico City
P435	Innate Immunity	Endoreplication in mosquitoes and monocytes is a hallmark in the innate immune memory
P436	Innate Immunity	KIR3DL1, But Not Its Ligands, Confers Protection For The Expression of Acute Lymphoblastic Leukemia (ALL) In Mexican Mestizo Patients
P437	Innate Immunity	Inactive Dengue virus exposed at the larvae stage induced innate immune memory in <i>Aedes aegypti</i> adult mosquitoes
P438	Innate Immunity	<i>Uncaria tomentosa</i> is not cytotoxic neither apoptotic, increases ROS production and induce an M2 polarization in human monocytes-macrophages
P439	Innate Immunity	<i>Candida glabrata</i> modulates the intracellular traffic to persist in human osteoblasts
P440	Innate Immunity	Autophagy contributes to intracellular clearance of <i>Candida glabrata</i> in macrophages
P441	Innate Immunity	Mast cells release extracellular traps against isoniazid-resistant <i>Mycobacterium tuberculosis</i>
P442	Innate Immunity	Isthmin-1 is expressed in lung by stem-like cells
P443	Innate Immunity	<i>Trichomonas vaginalis</i> DNA modulates the immune response in a murine model of trichomoniasis
P444	Innate Immunity	IMMUNE RESPONSE TO <i>Trichomonas vaginalis</i> IN A MURINE MODEL OF INFECTION
P445	Innate Immunity	<i>Trichomonas vaginalis</i> DNA modifies microbiota in BALB/c female mice infected with the parasite
P446	Innate Immunity	MIF gene polymorphisms are not a genetic risk factor for NSV susceptibility in a Western Mexican population
P447	Immunology of Infectious Diseases	Bronchial asthma as risk factor of dengue severe disease
P448	Immunology of Infectious Diseases	Role of SOCS3, SHP1-2 and PIAS3 proteins on the activation of STAT3 in macrophages during infection with <i>Taenia crassiceps</i>
P449	Immunology of Infectious Diseases	Contribution of the vacuolar pathway in the processing and presentation of <i>B. cenocepacia</i> antigens by MHC class I and class II to T cells
P450	Immunology of Infectious Diseases	Central Nervous System inflammation due to the respiratory syncytial virus infection
P451	Immunology of Infectious Diseases	Contribution of CD1d to immune responses and pathogenesis in mouse models of human Respiratory Syncytial Virus and the human Metapneumovirus infections

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P452	Immunology of Infectious Diseases	Evidence that normal to high glucose supplementation modifies the inhibitory effect of cortisol on the in vitro anti-TB response
P453	Immunology of Infectious Diseases	IL-23R and IL-17RA levels in gingival tissue from patients with Chronic and Aggressive Periodontitis
P454	Immunology of Infectious Diseases	IL-1 α promotes liver inflammation and necrosis during blood-stage <i>Plasmodium chabaudi</i> malaria
P455	Immunology of Infectious Diseases	Aminoguanidine Prevents Actinomycetoma development by <i>Nocardia brasiliensis</i> in Mice
P456	Immunology of Infectious Diseases	Immunological characterization of the PE_PGRS33 protein of <i>Mycobacterium tuberculosis</i>
P457	Immunology of Infectious Diseases	Higher frequencies of activated naive CD4+CD32a+ T cells in newborn and infants from HIV+ mothers
P458	Immunology of Infectious Diseases	<i>Plasmodium berghei</i> survives inside dendritic cells and causes malaria recrudescence in pregnancy
P459	Immunology of Infectious Diseases	Participation of MHC-II+ CD63+ exosomes derived from human monocytes in the T-lymphocytes activation by immunological synapse during Dengue virus infection
P460	Immunology of Infectious Diseases	Primary infections with hRSV promotes mycobacterial colonization and lung pathology in mice
P461	Immunology of Infectious Diseases	Humoral and cellular mother immune response against <i>Toxoplasma gondii</i> and their relation to vertical transmission and to clinical outcome in their congenitally infected newborns
P462	Immunology of Infectious Diseases	Identification of <i>Giardia lamblia</i> molecules that contribute to mast cell activation and cytokine secretion
P463	Immunology of Infectious Diseases	Association of Single-Nucleotide Polymorphisms in Immune-Related Genes with Development of Dengue Hemorrhagic Fever in a Mexican Population
P464	Immunology of Infectious Diseases	<i>Bacillus Calmette-Guerin</i> Infection Induces Granuloma-Like Structures in Humanized BLT-Lung Mice
P465	Immunology of Infectious Diseases	Long-term persistence of Zika virus infection in the eye
P466	Immunology of Infectious Diseases	Virulence and immunopathology induced by <i>Mycobacterium tuberculosis</i> Beijing and Beijing like strains isolated from Colombian Patients
P467	Immunology of Infectious Diseases	Partial immunological characterization of the 5G8 protein of <i>Giardia lamblia</i>
P468	Immunology of Infectious Diseases	B CELLS SUSTAIN <i>Trypanosoma cruzi</i> SPECIFIC CD8+ T CELL RESPONSE VIA IL-17
P469	Immunology of Infectious Diseases	Dehydroepiandrosterone supplementation modulates inflammatory response in lungs of obese and insulin resistant mice

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P470	Immunology of Infectious Diseases	In vitro antigenicity of Plasmodium vivax RON2 and Pv12 T-cell epitopes selected by their HLA-DRB1 binding profile	
P471	Immunology of Infectious Diseases	Effect of Human Milk Sulfated Glycosaminoglycans on HIV-1 Infection of Human CD4+ Cells in vitro	