



14th Latin American and Caribbean Congress of Immunology program

Buenos Aires, Argentina - November 4-8, 2024

Monday, November 4

12:30-13:00	Opening ceremony
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13:00-13:30	Keynote lecture 1	Room: Juan Pablo II	Miriam Merad (USA). Targeting myeloid cells in cancer.
13:30-14:00	Keynote lecture 2		Rino Rappuoli (Italy). Vaccines and monoclonals to combat antimicrobial resistance.

	Main Symposium	1	Room: Juan Pablo II	Anti-infectious immunity	Olivier Neyrolles (France). Neuro-immune interactions in the tuberculosis granuloma.	Andrés Alloatti (Argentina). Antigenes of <i>Trypanosoma cruzi</i> : a long journey from dendritic cells to... dendritic cells!	Edécio Cunha-Neto (Brazil). Cytokine-induced mitochondrial dysfunction: a new paradigm and therapeutic target in the pathogenesis of Chagas disease cardiomyopathy.
	Main Symposium	2	Room: Auditorio I	Translational onco-immunology and immunotherapy	José Cohen (France). Targeting Treg through TNFR2 in onco-immunology.	Rosendo Luria Pérez (Mexico). Live-Attenuated <i>Salmonella enterica</i> is a successful delivery system of peptides and genes for cancer therapy.	Álvaro Lladser (Chile). Deciphering the T cell networks underlying effective immunity against solid tumors.

14:10-15:40	Main Symposium	3	Room: Microcine	Inborn Errors of Immunity	Sergio Rozensweig (USA). <i>Pneumocystis pneumonia</i> (PCP) susceptibility: new genes and mechanisms of disease.	Jacinta Bustamante (France). Human inborn errors of IFN-gamma immunity.	Arnaud Didierlaurent (Switzerland). Learnings from studying vaccine response in immunocompromised patients.
	Main Symposium	4	Room: Aula Magna	Neuroimmunology and neuroinflammation	Rodrigo Pacheco (Chile). Developing an immunotherapy for Parkinson's disease: Regulatory T-cells expressing a chimeric antigen receptor specific to nitrated alpha-synuclein.	Sourav Ghosh (USA). Microglial receptor function and immunoresilience in Alzheimer's disease.	Rodrigo Naves (Chile). The Yin and Yang of interferon-gamma in experimental and human Multiple Sclerosis.

15:40 - 16:40	Short Main Symposium	1	Room: Juan Pablo II	Transplantation	Ignacio Anegón (France). CD8 Treg therapy in organ allo transplantation and acute GVHD.	Karina Pino Lagos (Chile). Participation of FoxP3+ T regulatory cells in a murine skin transplantation model.	
	Short Main Symposium	2	Room: Microcine	New approaches in inborn errors of immunity	Pere Soler Palacín (Spain). Screening opportunities for Inborn Errors of Immunity: Starting a new era with AI.		
	Opening lecture in selected abstract presentation session	1	Room: Auditorio I	María de los Ángeles Serradell (Argentina). Effect of a kefir-isolated <i>Lentilactobacillus kefiri</i> strain in different models of inflammation-associated disorders.	Selected abstract presentation session	<p>Alonso Lira (Chile). Role of IRE1 RNase activity in the degradation of miRNAs in conventional type 1 dendritic cells.</p> <p>Hai Huang (USA). Exercise Therapy Suppresses MASH Development by Modulating Hepatic Regulatory T-cells.</p> <p>Guadalupe Suarez (France). Epigenetic control of CD8+ T cell tissue homing and tissue resident memory T cell precursors differentiation by the histone methyltransferase SUV39H1.</p> <p>Luis Carlos Ruelas Ruiz (Mexico). Diethylcarbamazine regulates cytokine production and reduces the viral titer in epithelial cells infected by the influenza A (H1N1)pdm09 virus.</p>	

	Opening lecture in selected abstract presentation session	2	Room: Aula Magna	Nadia Bannoud (Argentina). Circulating galectin-1 in melanoma patients under antiangiogenic treatment: clinical implications.	Selected abstract presentation session	<p>Juliana Lima de Souza (Brazil). Neutrophil Extracellular Traps (NETs) drive a chemoresistant phenotype in human breast cancer cells through PI3K / AKT / NF-kappaB pathway.</p> <p>Valeria da Costa (United Kingdom). Cytoplasmic protein associates to PD-L1 in cell surface checkpoint domains assembling a novel target for antibody response in long term survivors of pancreatic cancer.</p> <p>Maynara Santana-Gonçalves (Brazil). Immune reconstitution after autologous stem cell transplantation is associated with clinical outcomes in patients with systemic sclerosis.</p> <p>Ángeles Romina Arena (Argentina). Ketamine reduces peripheral and brain inflammation by promoting regulatory immune cells, alleviating LPS-induced depressive-like behavior in mice.</p>
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16:40-17:00	Coffee break					
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17:00-17:30	Keynote lecture 3	Room: Juan Pablo II	Adriana Gruppi (Argentina). Protagonists involved in antibody-secreting cells generation and role: breaking the paradigm?			
17:30-18:00	Keynote lecture 4		Rita Carsetti (Italy). Systemic and mucosal immunity: separate roles and integration strategies.			

18:00-19:00			Room: Sala de lectura	Posters session 1		
	AINCA Main Symposium	1	Room: Aula Magna	Belén Almejún (Argentina). Molecular diagnostic experience using whole exome sequencing in AINCA patients across the country.		

19:00-20:00	Welcome cocktail					
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Tuesday, November 5

08:30-09:00	Keynote lecture 5	Room: Juan Pablo II	Gabriel Nuñez (USA). Immune-pathobiont interactions in Crohn's disease.			
09:00-09:30	Keynote lecture 6		Alberto Mantovani (Italy). Tumor-associated macrophages in tumor progression and as therapeutic targets.			

09:40-11:10	Main Symposium	5	Room: Juan Pablo II	Innate immunity and inflammation	Marco Cassatella (Italy). Advancing our knowledge of human mature PMN-MDSCs.	Carla Rothlin (USA). Decoding the response to cell death in non-resolving inflammation.	Kazuyo Moro (Japan). Eubiosis caused by appendectomy suppress ulcerative colitis through ILC2.
	Main Symposium	6	Room: Auditorio I	Host-pathogen interactions I	David Russell (USA). The impact of macrophage diversity on tuberculosis progression.	Marina Palermo (Argentina). Neutralizing antibodies in the intestinal mucosa are essential to control Shiga toxin-producing <i>Escherichia coli</i> (STEC) gastrointestinal infection.	Sergio Costa Oliveira (Brazil). Trained innate immunity: BCG-induced protection in infectious diseases and cancer.
	Main Symposium	7	Room: Microcine	AINCA - Autoinflammatory disorders (clinical cases)	Lucia Tarquini (Argentina).	Astrid Schellnast Faure (Argentina).	Gustavo Martin (Argentina).
	Main Symposium	8	Room: Aula Magna	Reproductive Immunology	Lachlan Moldenhauer (Australia). Metabolic dysfunction and Treg cell lineage instability contributing to immune imbalance in recurrent pregnancy loss.	Rossana Ramhorst (Argentina). Insights into the immune embryo-endometrium interactions.	Ana Zenclussen (Germany). Unlocking the womb: deciphering fetomaternal immune dialogue for healthy pregnancy outcomes.

11:10-11:30	Coffee break						
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11:30-12:30			Room: Sala de lectura	Posters session 2			
	AINCA Clinical cases discussion	1	Room: Microcine	Secondary immunodeficiencies	Gabriela Pereyra (Argentina).	María Gabriela Vazquez Ortuño (Argentina).	

12:30-14:00	Industry-sponsored symposium: Droguería Artigas - Beckman Coulter symposium						
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14:00-15:30	Main Symposium	9	Room: Juan Pablo II	LAMIG 1 - Mucosal immunology	Ana María Caetano Faria (Brazil). Neuroimmune circuits involved in food allergy to peanuts.	Charles A. Parkos (USA). Regulation of mucosal repair during injury and inflammation.	Erick Esteves de Oliveira (Brazil). Exploring the impact of immunological scars on mucosal immune surveillance / Glauben Landskron (Chile). The association of an RNA-editing protein in the regulatory and exhausted T cell subsets in the intestine.
	Main Symposium	10	Room: Auditorio I	Cellular and molecular immunology	Fabiola Osorio (Chile). Regulation of intestinal Th17 homeostasis by the unfolded protein response IRE1 in myeloid cells.	Burkhard Becher (Germany). GM-CSF: from growth factor to proinflammatory cytokine and back again.	Karina Bortoluci (Brazil). How do inflammasomes shape the astrocytes' ability to fight infections.
	Main Symposium	11	Room: Microcine	Autoimmunity and inflammatory diseases	Florencia Rosetti (Mexico). PDGFRA protects against autoimmune-mediated tissue injury.	Luisina Onofrio (Argentina). Effect of JAK kinase inhibitors on T cell immune response in patients with rheumatoid arthritis.	Patricia Alejandra Luz Crawford (Chile). Mitochondria transfer from mesenchymal stromal cells to memory T-CD4 cells as a potential therapy for inflammatory diseases.
	Main Symposium	12	Room: Aula Magna	Leukocytes in health and disease and new standards in cytometry	Mats W Johansson (USA). Eosinophil integrin activation, adhesion and migration, and associations with disease.	Michael Schnoor (Mexico). Neutrophil recruitment requires endothelial cortactin degradation by neutrophil serine proteases.	Virginia Litwin (Canada). New Standards for Clinical and Translational Cytometry.

	Short Main Symposium	3	Room: Juan Pablo II	Vaccines	Juliana Cassataro (Argentina). Development and clinical evaluation of ARVAC: a variant adapted protein subunit vaccine against SARS-CoV-2.	Jorge Kalil (Brazil). Development of a intranasal vaccine to SARS-CoV-2.
	Short Main Symposium	4	Room: Microcine	Immunodeficiencies I	Sergio Rosenzweig (USA). IKAROS-associated diseases.	

15:40-16:40	Opening lecture in selected abstract presentation session	3	Room: Auditorio I	Paula Soledad Pérez (Argentina). Regulation of inflammation by plasma extracellular vesicles.	Selected abstract presentation session	<p>Joseana de Oliveira (Brazil). HIF2-alpha Activity in Myeloid Leukocytes Promotes Susceptibility to Mycobacterium tuberculosis Infection.</p> <p>Maycon Tavares Emilio-Silva (Brazil). CITRAL, a monoterpene that protects against the intestinal and systemic damage caused by high-fat diet and lipopolysaccharide in mice.</p> <p>Fernando Sosa (Argentina). IL-10 Modulates Susceptibility to Shiga Toxin Type 2 and Leukocyte Dynamics in IL-10-Deficient Mice.</p> <p>Daniela Olivera (Uruguay). The cation channel TMEM176B is a druggable protective factor in autoimmune disease.</p>
	Opening lecture in selected abstract presentation session	4	Room: Aula Magna	Angel Justiz Vaillant (West Indies). Systematic review about the diagnosis of transient hypogammaglobulinemia of infancy.	Selected abstract presentation session	<p>Shokrollah Elahi (Canada). Polyfunctional CD8+CD226+RUNX2hi effector T cells are diminished in advanced stages of chronic lymphocytic leukemia.</p> <p>Vera Tifner (Argentina). Immune characterization of Major Depressive Episode: imbalanced Th1/Th17/CD4+IL-10+ T cells and increased activation and exhaustion of CD8+ lymphocytes.</p> <p>Gloria Soldevila (Mexico). Vitamin C promotes a stable phenotype and demethylated TSDR Foxp3 of in vitro expanded allospecific iTregs.</p> <p>Yago A. Arribas (France). Non-canonical proteome derived from transposable elements is a source of functional protein isoforms and cancer neoantigens</p>

16:40-17:00	Coffee break					
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17:00-17:30	Keynote lecture 7	Room: Juan Pablo II	Ana María Lennon-Duménil (France). Dendritic cell migration: from fundamentals to application.			
17:30-18:00	Keynote lecture 8		Eliane Piaggio (France). Combined immunotherapies for lowly mutated pediatric tumors, a translational approach.			

18:00-19:00			Room: Sala de lectura	Posters session 3		
	AINCA: Clinical cases discussion.	2	Room: Microcine	IEI treatment (biologics treatment, HSCT).	Matías García (Argentina).	Miguel Galicchio (Argentina).

19:00-20:30	Room: Aula Magna	
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Wednesday, November 6

08:30-09:00	Keynote lecture 9	Room: Juan Pablo II	Andrea Carfi (USA). mRNA technology and Moderna development programs.
09:00-09:30	Keynote lecture 10		Alexis Kalergis (Chile). Vaccine immunity counteracts respiratory virus-mediated suppression of immunological and neurological synapses.

09:40-11:10	Main Symposium	13	Room: Juan Pablo II	Immune dysfunction and immunotherapy	Klaus Warnatz (Germany). With too little help of my friends – About the pathogenesis of common variable immunodeficiency.	María Bellio (Brazil). Cytotoxic CD4 T cells in Chagas disease: friends or foes?	Naomi Taylor (USA). Integrating TCR-controlled fuzzy logic into CAR T cells to enhance therapeutic specificity.
	Main Symposium	14	Room: Auditorio I	Systems Immunology/Functional genomics	Rafael Argüello (France). New dimensions in single-cell biology: Metabolism meets epigenetics in epic-SCENITH.	Juan Fuxman Bass (USA). Global landscape of human cytokine transcriptional regulation.	Otoniel Rodriguez Jorge (Mexico). Towards functional reprogramming of neonatal T cells: A systems immunology approach.
	Main Symposium	15	Room: Microcine	Inflammation and immune-regulation	Guillaume Duménil (France). Dermal Lyve1+FolR2+ perivascular macrophages act as sentinels against intravascular infections.	María Silvia Di Genaro (Argentina). Immunomodulation mechanisms in spondyloarthritis.	Paula Licona Limón (Mexico). TIF1g regulates stability of Tregs during inflammation.
	Main Symposium	16	Room: Aula Magna	FOCIS symposium	Stephanie Eisenbarth (USA). Regulating the immune response to food allergens.	Susan Bueno (Chile). Characterization of neutrophil subpopulations during a <i>Streptococcus pneumoniae</i> infection in mice.	Marcelo Hill (Uruguay). TMEM176B as a druggable immunoregulator in cancer and autoimmunity.

11:10-11:30	Coffee break	
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		Room: Sala de lectura	Posters session 4
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11:30-12:30	AINCA selected abstracts oral presentations	Room: Aula Magna	<p>Celina Andrea Franco (Argentina). IKZF1 Dominant Negative and uncommon immune-dysregulation: Case report.</p> <p>Lucia Peirano (Argentina). ADA 2: A symptomatic heterozygous patient. Case report.</p> <p>María Pilar Tejada (Argentina). What we have learnt about Hematopoietic Cell Transplantation in Wiskott-Aldrich Syndrome: clinical features and immune reconstitution.</p> <p>Lorenzo Erra (Argentina). Whole Exome Sequencing in Argentine Patients with Inborn Errors of Immunity: A Comprehensive Study.</p>
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12:30-14:00	Industry-sponsored symposium: CSL symposium
	Industry-sponsored symposium: BD Biosciences symposium

14:00-15:30	Main Symposium	17	Room: Juan Pablo II	AAIV symposium: One health.	Margaret A. Liu (Sweden). Gene-based vaccines and therapies for One Health.	Hugo Ortega (Argentina). Optimizing SARS-CoV-2 vaccine strategy: A One-Health perspective.	Elías Barquero Calvo (Costa Rica). Exploring innate immunity: Key to understanding chronic zoonotic infections.
	Main Symposium	18	Room: Auditorio I	Infection and immunity	Jean Claude Sirard (France). Flagellin aerosol therapy as an immunomodulatory adjunct to the antibiotic treatment of drug-resistant bacterial pneumonia.	Nora A. Fierro (Mexico). Bilirubin, an unexpected ally in the immune response against hepatitis E virus.	Diana Hansen (Australia). Integrated systems immunology approach identifies persistent blood monocyte dysfunction induced by both symptomatic and clinically silent Plasmodium vivax malaria.
	Main Symposium	19	Room: Microcine	Cellular and molecular immunology	Daniela Sauma (Chile). Adenosine's impact on T cell exhaustion and the maintenance of cytotoxic responses in the tumor.	Gabriel Morón (Argentina). The role of LSP1 in dendritic cells: Implications for antigen presentation, T cell activation, and tumor immunity.	Yvonne Rosenstein (Mexico). Regulation of GLUT-1 expression and T-Cell activation by sialoprotein (CD43).
	Main Symposium	20	Room: Aula Magna	Host-pathogen interaction	Mauro Martins Teixeira (Brazil). Resolution of inflammation in the context of infection.	María del Pilar Aoki (Argentina). Purinergic signaling subverts the immune response to <i>Trypanosoma cruzi</i> infection.	Laura Chiapello (Argentina). Cutaneous innate lymphoid populations drive IL-17A-mediated immunity in skin fungal infection.

15:40-16:40	Short Main Symposium	5	Room: Juan Pablo II	Macrophages symposium	Julie Helft (France). Tumor associated macrophages and T cell immunity.	Fernando Oneissi Martinez Estrada (UK). Unifying considerations and evidence of macrophage activation mosaicism through human CSF1R and M1/M2 genes.
	Short Main Symposium	6	Room: Microcine	Stem cell transplantation in patients with inborn errors of immunity	Pere Soler Palacín (Spain). The importance of the assessment of immunological reconstitution after SCT in patients with IEI.	
	Opening lecture in selected abstract presentation session	5	Room: Auditorio I	Gerardo Pavel Espino Solís (Mexico). Immune monitoring of pediatric patients with tick-borne diseases.	Selected abstract presentation session	<p>Lena Peter (Germany). Impact of CRISPR-Cas9-mediated FoxP3 gene knockout on the potency of therapeutic effector T-cells.</p> <p>Luna de Lacerda (Brazil). GLP production of a <i>Plasmodium vivax</i> Ribosomal Protein for the formulation of Universal Malaria Vaccine.</p> <p>Federico Páez Córdoba (Argentina). Booster vaccination with a recombinant subunit vaccine against SARS-CoV-2 increases antigen specific mucosal antibodies.</p> <p>Filipe Pereira-Dutra (Brazil). Sepsis-induced lipid droplets contributed to liver dysfunction and to resistance to bacterial infection.</p>
	Veterinary immunology round table	1	Room: Aula Magna	José Angel Gutierrez Pabello (Mexico). Cell death in bovine tuberculosis: bacterial dissemination or control?	Selected abstract presentation session	<p>Juan José Duarte (Argentina). Preliminary evaluation of vaccines designed against <i>Mycobacterium avium</i> subsp. Paratuberculosis: immune response and protection in challenged mice.</p> <p>Florencia Belén Lobo Gaitán (Argentina). New-generation vaccines against foot-and-mouth disease virus: strategies to enhance the immunogenicity of recombinant empty capsids.</p>

16:40-17:00	Coffee break					
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17:00-17:30	Keynote lecture 11	Room: Juan Pablo II	Diane Mathis (USA). Thymic mimetic cells.			
17:30-18:00	Keynote lecture 12		Ricardo Gazzinelli (Brazil). Itaconate impairs immune control of <i>Plasmodium</i> by enhancing mtDNA-mediated PD-L1 expression via IRF3/IRF7 pathway.			

18:00-18:00		Room: Sala de lectura	Posters session 5			
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18:00-19:00	AINCA Main Symposium	2	Room: Aula Magna	Autoinflammatory disorders	Cecilia Poli (Chile). New autoinflammatory disorders.
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19:00-20:30			Room: Juan Pablo II		
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Thursday, November 7

08:30-09:00	Keynote lecture 13	Room: Juan Pablo II	María Luisa Alegre (USA). Tregs, T cell hypofunction and transplantation tolerance.		
09:00-09:30	Keynote lecture 14		Juan Carlos Zúñiga-Pflücker (Canada). Teaching new tricks to an old thymus.		

09:40-11:10	Main Symposium	21	Room: Juan Pablo II	LAMIG 2 - Mucosal immunology	Eduardo Villablanca (Sweden). From Gut to Gums: Unraveling the link between intestinal inflammation and oral pathologies.	Alessandra Filardy (Brazil). Regulation of lung immune cell populations following acute exposure to cigarette smoke and pneumococcal infection by MerTK.	Julio Villena (Argentina). Modulation of the innate immune memory in the respiratory mucosa by the local microbiota. Araceli Pérez (Mexico). Role of the receptor CCR3 in lung inflammation during influenza A infection.
	Main Symposium	22	Room: Auditorio I	Cancer and Immunity	Florent Ginhoux (France). Myeloid cell heterogeneity in cancer.	Mario Ernesto Cruz Muñoz (Mexico). Role and modes of action of SLAM family receptors in the anti-leukemia immune response.	Romina Gamberale (Argentina). The role of T cells in Chronic Lymphocytic Leukemia (CLL).
	Main Symposium	23	Room: Microcine	Autoimmunity/Autoinflammation/ Immune regulation	Cecilia Poli (Chile). Directed therapies in immune dysregulation.	Mehrnaz Mesdaghi (Iran). Double negative T cells in ALPS and ALPS-like diseases.	Elena Hsieh (USA). Pediatric SLE: Clinical and immunological heterogeneity.

	Main Symposium	24	Room: Aula Magna	Host-pathogen interactions	Marisa Gómez (Argentina). Understanding <i>Staphylococcus aureus</i> pathogenesis and the dual role of protein A induced inflammation.	Clive Gray (South Africa). How HIV impacts on placental and neonatal immunity.	Cristina Alonso-Vega (Bolivia). Congenital Chagas, more than just the simple passage of <i>T. cruzi</i> during pregnancy. Adaptations of the immune response in the mother and fetus.
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11:10-11:30	Coffee break						
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11:30-12:30			Room: Sala de lectura	Posters session 6			
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12:30-14:00	Industry-sponsored symposium: Takeda symposium.						
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14:00-15:30	Main Symposium	25	Room: Juan Pablo II	Immunotherapy and vaccines	Pierre Guernonprez (France). Harnessing dendritic cell infiltration in solid tumors for cancer immunotherapy.	Faith Osier (UK). Leveraging human challenge studies for Malaria vaccine development.	Wendy Béguelin (USA). Improving T-cell immunotherapies against B-cell lymphomas by inhibiting EZH2.
	Main Symposium	26	Room: Auditorio I	Immune defense mechanisms	Enzo Poirier (France). Uncovering the ancestral immune modules shared across domains of life.	Jose Carlos Alves-Filho (Brazil). Control of regulatory T cell differentiation and stability during inflammation.	Dario Zamboni (Brazil). Inflammasome activation in response to intracellular pathogens and its implications for disease development and infection control.
	Main Symposium	27	Room: Microcine	Clinical Immunology and Immunotherapy	Silvia Sanchez Ramón (Spain). Immunological assessment in fertility disorders.	Belinda Sánchez Ramirez (Cuba). Cancer Immunotherapy: 30 years of experiences from the Center for Molecular Immunology.	Kenneth Gollob (Brazil). Identifying Biomarkers and Mechanisms of Immunotherapy Response in Metastatic NSCLC.
	Main Symposium	28	Room: Aula Magna	Allergy	Winfried Pickl (Austria). On the modulation of allergen-specific T cell responses: the importance of interleukin-2.	Joana Neves (United Kingdom). Modulation of the intestinal cellular environment by innate lymphoid cells.	Musa Khaitov (Russian Federation). Recombinant vaccine against birch pollen allergy.

15:40-16:40	Short Main Symposium	7	Room: Juan Pablo II	Translational immunology	Olivier Boyer (France). IFN γ causes mitochondrial dysfunction and oxidative stress in myositis.	Tim Sparwasser (Germany). Metabolic checkpoints for the treatment of autoimmune disease.
	Short Main Symposium	8	Room: Microcine	Immunodeficiencies II	Klaus Warnatz (Germany). Anything targeted of something common and variable? Treatment concepts for noninfectious complications in COVID.	
	Opening lecture in selected abstract presentation session	6	Room: Aula Magna	Maite Duhalde Vega (Argentina). Tryptophan metabolism: A key player in host-microbiome interactions and diet-induced inflammation.	Selected abstract presentation session	<p>Diego Delgado Zaldívar (México). Role of TGF-Beta 3 and TCR-gamma delta T cells in oral tolerance.</p> <p>Julio Santelices (Chile). Identifying immune cell subpopulations in hantavirus cardiopulmonary syndrome through bulk RNA-seq deconvolution.</p> <p>Pedro Paulo Diniz Lucinda (Brazil). Single-cell RNA sequencing and multiparameter flow cytometry data reveal highly cytotoxic and inflammatory profile from gamma-delta T cells from Chagas disease cardiomyopathy patients.</p> <p>Fengyi Wan (USA). Complement in breast milk promotes infant health via shaping offspring's evolving gut microbiota.</p>
	Opening lecture in selected abstract presentation session	7	Room: Auditorio I	Estefania Nova (Chile). Mitochondrial transfer, a potential mechanism of CD4+ T cell exhaustion in oral cancer.	Selected abstract presentation session	<p>Jesús Daniel Zambrano (Argentina). TGF-beta modulates the TCR signal strength in CD8+ T cells in a TIF1γ-dependent manner.</p> <p>Julia Castro (Brazil). ASP-2/Trans-sialidase chimeric protein induces robust protective immunity in experimental models of Chagas disease.</p> <p>Surojit Sarkar (USA). Engineering CAR-T cells for durable control and checkpoint blockade synergy in solid tumors.</p> <p>Rodrigo Tonalli Camacho-Pacheco (Mexico). Characterization of the adaptive immune response in HIV exposed uninfected infants.</p>

16:40-17:00	Coffee break					
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17:00-17:30	Keynote lecture 15	Room: Juan Pablo II	Christophe Benoist (USA). Regulating Tregs.			
17:30-18:00	Keynote lecture 16		Rudolf Valenta (Austria). A comprehensive approach for molecular diagnosis and vaccination against allergy.			

18:00-19:00		Room: Sala de lectura	Posters session 7
18:00-19:30		Room: Aula Magna	

19:30-02:00	Congress Party		
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Friday, November 8

09:30-10:00	Keynote lecture 17	Room: Juan Pablo II	Sebastián Amigorena (France). New targets for cancer immunotherapy.
10:00-10:30	Keynote lecture 18		Norberto Zwirner (Argentina). Immunotherapy beyond checkpoints: NKG2D ligands as targets for precision medicine.

10:40-12:10	Awards presentations	Room: Juan Pablo II	Best Work in Basic Immunology (BWBI) Prize	<p>Ignacio Cebrián (Argentina). Dendritic cell phagosomes recruit GRASP55 for optimal transport of antigen-loaded MHC molecules to the plasma membrane.</p> <p>Gerardo Suarez-Rojas (Mexico). Helios limits CD8 T cell antitumor capacity.</p> <p>Karen Álvarez Díaz (Colombia). Targeted Inhibition of Pro-Inflammatory Slan+ Monocytes Using WGA-Functionalized Nanoparticles Encapsulating Itacitinib: A Novel Therapeutic Approach.</p> <p>Carolina Abrate (Argentina). CD39: A Key Regulator of Tumor Progression and a Promising Therapeutic Target.</p>
		Room: Aula Magna	Best Work in Clinical and Translational Immunology (BWCTI) Prize	<p>Macarena Lépez (Chile). Association between Maternal Obesity and the Phenotype of Monocytes and Hematopoietic Progenitor Cells in their Offspring at Birth.</p> <p>Gabriela Yamazaki de Campos (Brazil). Bioengineering mannan-specific CAR-NK cells for enhanced antifungal immunity against invasive candidiasis.</p> <p>Bianca de Oliveira (Brazil). Characterization of a new mitochondrial protein from Leishmania and its potential use as a vaccine.</p> <p>Daiana Soledad Flores (Argentina). Functional Assessment of Novel STAT3 Genetic Defects in Argentinean Patients with Inborn Errors of Immunity.</p>

		Room: Auditorio I	Leonardo Satz prize (SAI)	<p>Gonzalo Cabrerizo (Argentina). Prostaglandin E2 drives a unique pro-resolving profile in human macrophages.</p> <p>María Sol Martínez (Argentina). Semen inflammation to fertility challenges: Unraveling the immune cross-talk between male and female genital tracts and its impact on offspring.</p> <p>Jeremias Dutto (Argentina). Understanding the immune dysregulation in children with Down Syndrome: are CXCR3+ T follicular helper cells involved in the autoimmune-prone profile reported in these population?</p> <p>Alexia Vereertbrugghen (Argentina). CD4+ T cells drive corneal nerve damage but are dispensable for corneal epitheliopathy development in the context of dry eye.</p>
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12:10-12:30	Coffee break		
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12:30-13:00	Keynote lecture 19	Room: Juan Pablo II	Laura Mackay (Australia). Title to be confirmed.
13:00-13:30	Keynote lecture 20		Gabriel Rabinovich (Argentina). The power of glyco-immune-checkpoints: Translating glycan-encoded information into novel therapies.

13:30-14:00	Awards and closing ceremonies		
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