

**The poster session is scheduled for Thursday, December 1<sup>st</sup>, 1:30 – 2:30pm (Eastern Time/GMT -5:00).**

<b>Poster Number</b>	<b>Name</b>	<b>Title</b>
1	Kalpana Acharya	Sexually dimorphic placental expression of immunometabolic genes in gestational diabetes
2	Zsusanna Barad	Sex-dependent differences in the impact of short-term, moderate intensity exercise on microglia immunometabolic reprogramming following systemic LPS challenge
3	Will Barr	Genetic contributions to sex differences in the plasma proteome
4	Robin Bartolini	Fat, Sex and Chemokines: 'Absence of CCR2 causes an inflammaging environment in the fat pad of male mice'
5	Melibea Berzosa	Immune Response after Skin Delivery of a Recombinant Heat-Labile Enterotoxin B Subunit of Enterotoxigenic Escherichia coli in Mice
6	Laura Blanton	Sex chromosome constitution impacts gene expression in human primary immune cells
7	Neha Bokil	Sex Chromosome-Driven Regulation of Chromatin Structure
8	Evan Bordt	Sexually Dimorphic Placental Responses to Maternal SARS-CoV-2 Infection
9	Laura Boullon	Sex-dependent analgesic effect of intra-dorsolateral periaqueductal grey administration of CB1, CB2, and PPAR $\alpha$ agonists following peripheral nerve injury in rats
10	Pedro Alves Soares Vaz de Castro	The protective effect of the D2R on inflammation in human renal proximal tubule cells is dependent on sex and the presence of hormones.
11	Caitlin Cole	Impact of age and sex on blood gene expression differences between individuals with latent and active tuberculosis
12	Brendan Cordeiro	Sex differences in the effect of obesity on adaptive immunity in a model of Multiple Sclerosis
13	Vincent Doublet	A meta analysis of sex differences in insect immunity
14	Katherine Forsyth	A novel role for X-Chromosome Inactivation in regulating T cell responses to Influenza
15	Anastasios Giannou	Sex specificity in colorectal cancer-derived liver metastasis
16	Juliana Gonçalves	Secretory IgA and T cells targeting SARS-CoV-2 spike protein are transferred to the breastmilk upon mRNA vaccination
18	Rebecca Harris	Gender Transition as a Model to Elucidate the Independent Effects of Sex Hormones and Sex Chromosomes on Gene Expression at the Single Cell Level

19	Hannah Harris	Surveying X-Y gene pair promoter activity
20	Lynne Kelly	Sex and gestational age impact pro- and anti-inflammatory responses among preterm neonates
21	Jaclyn Kline	Sex differences in T cell metabolism
22	Rixa Köhn	A new strategy to assess host-pathogen interactions in urinary tract infection
23	Chan Mi Lee	Differential Plasma Levels of S100 Proteins in Male versus Female Patients with Ankylosing Spondylitis
24	Falak Pahwa	Age-associated tissue-specific amino acid and immune cell dysregulation in Mycobacterium tuberculosis-infected C57BL/6 mice
26	Chloe Pasin	Distinct effect of sex hormone intake on immunity in cis and trans women living with HIV
27	Maria Pujantell	Natural Killer Cells display sex-dependent modulation in activation and cytokine production in response to Type I IFNs
28	Stephanie Rager	Sex Differences in the Preterm Gut Microbiome Underlie Enhanced Gastrointestinal Immunity in Female Neonates
29	Sathya Ravichandran	Pre-vaccination CD56dim CD16+ NK cells and Th1/Th17 ratio predict responsiveness to conjugated pneumococcal vaccine in older individuals and contributes to sex differences
30	Shruthi Rengarajan	DDX3X and DDX3Y expression is robustly maintained by post-transcriptional crosstalk.
31	George Robinson	Sex differences in Tregs may drive autoimmune disease susceptibility
32	Lydia Shook	Maternal obesity impacts placental Hofbauer cells and cord lipid profiles in a sex-specific manner
33	Helena Soares	Balance between maternal antiviral response and placental transfer of protection in gestational SARS-CoV-2 infection
34	Mairead Sullivan	Estrogen signalling: A key regulator of immune dysfunction in behavioural inflexibility
35	Marla Tharp	Gene expression and regulation from the inactive X chromosome in microglia drive female protective responses to brain malignancies
36	Rebecca Thiele	Magnitude of Type-I IFN responses by pDCs after TLR7 stimulation are associated with HIV-1 reservoir sizes in HIV-1-infected females on ART
37	Diane Tshikudi	<i>Not yet submitted</i>
38	Christopher Urbschat	Sex-specific alterations of T cell frequencies in prenatally stressed adult offspring in mice.
39	Amy Winship	Checkpoint inhibitors cause ovarian dysfunction in tumour bearing mice: consequences for fertility of female cancer survivors

40	Dennis Yüzen	Heat stress sex-specifically increases the risk for preterm birth
41	Dimitra Zazara	Dissecting the sexual dimorphism of the lung tissue microenvironment