

Poster Information

Dear colleagues,

We are honored to have you contribute to ISSAD 2023 – thank you again for your participation in presenting a poster!

Please view our full conference schedule [here](#).

INSTRUCTIONS FOR POSTERS

- **POSTER SIZE and FORMAT:** All posters should be A4 in size (21cm width X 29.7cm height or 8.27-inch width X 11.68-inch height), with 1080x1920 resolution. Format should be in PORTRAIT orientation. The poster template is available on the ISSAD [website](#)
- **FILE NAME and TYPE:** E-poster file should be named as "Your last name_Poster#" in pdf format. Please find your poster number below.
- **UPLOAD DEADLINE:** Please upload your e-poster in pdf format before **Sunday, October 5th 2023** using this Dropbox link: [ISSAD 2023 Posters](#)

CONFERENCE DETAILS

- We will have 10 digital screens in the poster room, to display the posters.
- In each poster session, 20-24 posters will be displayed on the screens divided into 2-3 rounds of 10 minutes each.
- Presenters should be present at the screens to present their posters during the 10-min interval designated.
- We will have a best poster prize as well, offered by the American Society for Microbiology (ASM), consisting of a 2024 annual ASM membership and an ASM e-book up to \$100 USD.

If you have any questions, kindly email issadconference@gmail.com

Thank you,
ISSAD Organizing Team

Poster Information

Poster numbers

Poster#	Name	Title
513559	Abel E Vasquez	A vaccine against GBS based on L. lactis: A novel alternative with low value of production
513374	Aishwarya Das	Characterization of the prophages in Indian GBS clinical isolates to guide phage therapies
510701	Alane Izu	Estimating incidence of group B streptococcus early onset disease in Africa and Asia.
539144	Aline Rosa Vianna de Souza	Screening of potential new antimicrobial candidates against Group B streptococci
513552	Alyssa Brokaw	The Group B Streptococcal serine protease HtrA is a pleiotropic virulence regulator
510127	Amber Britton	Assessing Prenatal Care Adequacy and Intrapartum Antibiotic Prophylaxis (IAP) Among Women Who Screen
494659	Ana Clarisse Mercedes	Streptococcus agalactiae isolated from semen samples in Brazil
495466	André Rio Tinto	ASSESSING GBS VACCINE ACCEPTANCE AMONG PREGNANT WOMEN IN RIO DE JANEIRO, BRAZIL
510579	Anjo Gabriel Carvalho	Serotype distribution, virulence determinants and antimicrobial susceptibility profiles in GBS
510479	Antonia Hilbig	Phylogenetic Analysis Reveals Host Association of Clonal Group 103/314 in Humans and Cattle
504262	Areffa Yusuf	Confirmatory identification and antibiotic susceptibility testing (AST) of invasive Group B Streptoc
509119	Arif Felek	Investigation into the Potential of two conserved recombinant proteins as GBS Vaccine Candidates
510075	Arnaud Firon	Mechanisms of β -lactam tolerance in Streptococcus agalactiae
539131	Berhaun Fesshaye	Future GBS vaccines: Perspectives from pregnant and lactating people, health workers, community memb
510574	Carmen LI	Cluster of invasive Group B Streptococcus (<i>S. agalactiae</i>) ST283 infections in Hong Kong, 2021: a gen
510278	Cemal Çağıl Koçana	GBS carriage and anti-CPS IgG transfer efficiency between mothers and babies in a Japanese cohort.
510750	Chandrashekhara Unakal	Distribution of Streptococcus agalactiae serotypes in Trinidad and Tobago
495713	Cilicia Nascimento	Group B Strep and Lactobacillus: another chapter develops.
510131	Clare Collett	Characterisation of capsule expression by GBS isolates by anti-CPS IgG, EM and opsonophagocytosis
493577	Clayton Salano	Prevalence, antimicrobial susceptibility patterns, serotypes and risk factors for group B streptococ
502382	Clayton Salano	Association between vaginal washing and GBS colonization in women seeking pregnancy
513568	Daniel Escobar	Impact of surface immunogenic protein absence on vaginal colonization and cellular interactions in S
535339	Darmavaram Sravani	Understanding the Distribution of Pilus Islands in Streptococcus agalactiae: Evolutionary Insights a
497081	Demissie Fenta	Prevalence and antibiotic susceptibility profile of Streptococcus agalactiae among pregnant women in

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510760	Diego Diaz-Dinamarca	TLR4 agonist vaccine adjuvant based on SIP from GBS promote cross-presentation by Dendritic Cells
512371	Dulmini Sapugahawatte	Whole-genome analysis of human and animal Streptococcus agalactiae identified in Hong Kong SAR
483032	Dustin Flannery	Maternal GBS serotype-specific antibody prevalence and placental transfer ratios
511449	Eleni Vergadi	IL-6 signaling axis mediates the susceptibility of neonatal hosts to GBS via inhibition of autophagy
510620	Elisabete Martins	Changing genetic lineages among Streptococcus agalactiae causing invasive disease in non-pregnant ad
510622	Elisabete Martins	Streptococcus agalactiae causing neonatal infections in Portugal (2005–2019): diversification and em
501812	Fabiana Pimenta	GBS detection among pregnant women from rural western Kenya using an alternative method
513319	Fahad Mashwal	The sensor histidine kinase lytS regulates Group B Streptococcal virulence during brain infection
534193	Fiseha Wadilo	Prevalence of Group B Streptococcus maternal colonization, serotype distribution, and antimicrobial
513581	Gabriela García Gabarrot	Laboratory surveillance of invasive isolates of Streptococcus agalactiae in Uruguay
510707	Geetha Nagaraj	Population heterogeneity and antimicrobial resistance of Serotype V Group B Streptococci in India
513016	Geetha Nagaraj	Genomic analysis of GBSS from commensal Indian population reveals high genetic diversity
504577	Gideon Hillebrand	Rapid and precise CRISPR/Cas-based group B Streptococcus gene repression for multiplexed investigati
496777	Gowri Chellappan	Development and Preclinical Immunogenicity of a Novel Hexavalent Group B Streptococcus Conjugate Vac
513462	Hannah Davies	Burden, antimicrobial sensitivity and seroepidemiology of Group B Streptococcus in Uganda.
513381	Isabela Cardoso	Streptococcus agalactiae from urinary tract infections: antimicrobial susceptibility, and distributi
512664	Isabella Bittencourt	Fluctuation of Streptococcus agalactiae colonization rates in pregnant women according to COVID-19
510703	Ivana Gmizic	Invasive Streptococcus agalactiae causing disseminated infection in a non-pregnant adult
513537	Jaime Moreno	General panorama of Streptococcus agalactiae in Colombia
513556	Jason Hinds	Molecular serotyping by microarray detects multiple serotype carriage in complex clinical samples to
513285	Javairia Khalid	Prevalence, serotype, and antibiotic susceptibility of Group B Streptococcus among pregnant women at
513471	Jaya Chansna	Long-Term Risk of Depression and Anxiety in Mothers of Children with Invasive Group B Streptococcal
513560	Jonnathan Grossolli Galvez	Expression of recombinant SIP protein in L. lactis: A new avenue for GBS vaccine development
504679	Julia Rhodes	The U.S. CDC-led study to establish immunologic endpoints associated with protection against infant
504928	Juliana Coelho	GBS Serotype IV – a new kid on the block?
512556	Juliana Oliveira	Antimicrobial resistance in GBS and S. aureus from bovine mastitis in Brazil over 35 years
510715	Julyana Pedroza	Role of BspC, Cas9 and pilus 2b on Streptococcus agalactiae interaction with human endothelial cells

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510213	Kara Bickham	Evaluating a Multivalent Group B Streptococcus Vaccine in Pregnant Women and Their Infants.
513488	Khandaker Shadia	Diversity in protective immunity to Group B Streptococcus: Insights from a Comparative Study
512599	Laura Oliveira	Opsonophagocytosis and molecular epidemiology of GBS strains from carriage and disease in Brazil
513446	Laura Oliveira	Group B Streptococcus ST103 is a host-generalist lineage in Brazil able to infect humans and cattle
512552	Leandro Simoes	CRISPR1-RFLP typing of serotype III Group B Streptococcus from human, bovine and fish hosts
510798	Liwa Hjortsberg	The alpha-like protein vaccine GBS-NN,promotes memory B cell formation in non-pregnant healthy women
510405	Lucy Furfaro	Group B Streptococcus prophages: Colonising the colonisers
510105	Macy Pell	Pangenome analysis of group B Streptococcus (GBS) reveals the emergence of hypermutators recovered..
512799	Majela Gonzalez Miro	Alpha-like protein vaccine AlpN induces opsonophagocytic killing activity in maternal and neonatal s
502410	Malene Risager Lykke	Long-term risk of mental disorders following iGBS - a population-based study from Denmark.
506115	Maria del Pilar Ortiz	Susceptibility profile and phenotypic characteristics of S. agalactiae isolates from Cali, Colombia
501242	Mariana Antunes	Prevalence and Antibiotic Susceptibility of S. agalactiae in Macaca mulatta Vaginal Secretions
510666	Mario Ignacio Pajon	Detection and characterization of aminoglycoside resistance genes associated with mobile genetic elements
510237	May Murra	Vaccine Targets, Clonal Complexes and Virulence Genes among EOGBS and LOGBS in Denmark, 2019-2022
505649	Merryn Voysey	Proportion of S. agalactiae in a global database of bacterial isolates from blood, placenta, and cer
510347	Michela Sabbatucci	Investigating microbiological methods to cut false-negative antenatal GBS testing in Italy
512590	Michelle Coleman	GBS hyaluronidase B (hylB) is a potent immunosuppressive virulence factor that promotes adverse preg
510400	Mohamed Said	Penicillin tolerance testing on invasive Group B Streptococcus isolates from Pretoria, South Africa
509635	Molly Sharp	Genetic Determinants of Capsular Polysaccharide Shedding in Group B Streptococcus
498454	Narendra Gemawat	Neonatal Sepsis And Role Of Vitamin D
510561	Natalie Silmon de Monerri	Potential efficacy of a maternal GBS vaccine to prevent invasive GBS disease in infants
510565	Natalie Silmon de Monerri	Development and Validation of a 6-plex Luminex Assay for Measuring Human Serum Antibodies to GBS
511612	Nubwa Medugu	Exploring the Spectrum of GBS Infections, Presentations, and Outcomes in a Nigerian Hospital
510530	Olwenn Daniel	Impact of HIV status on GBS colonisation and antibody responses in serum and vaginal mucosa
510614	Pamella Lannes-Costa	Characterization of the antimicrobial susceptibility profile andvirulence potential of S. agalactiae
513579	Proma Paul	Risk factors associated with neurodevelopmental impairment in infants exposed to GBS disease: Applyi
513441	Rachel Leite Ribeiro	Comparative genomic analysis of serotype III/ST17 GBS strains from human and animal sources

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536317	Rachel Leite Ribeiro	Incidence of Group B Streptococcus (GBS) in pregnant women treated at a university hospital in the c
509510	Rebecca Guy	Epidemiological features of recurrent invasive group B Streptococcus infections in England, 2015-22
510209	Richard Chawana	Phase 2b Trial Evaluating the Safety and Immunogenicity of GBS6 Administered Concomitantly with Tdap
510133	Roberta Creti	Emergence of the high-level gentamicin resistant CC452-ST1010 clonal lineage in serotype IV Streptoc
500853	Romina Fakhraei	Burden of infant Group B Streptococcus disease in Ontario, Canada: a population-based cohort study
505765	Ruth Lynfield	The increasing importance of group B Streptococcus as a cause of bacterial meningitis — United State
510129	Samantha Sefton	Burden of invasive Group B Streptococcus (GBS) among Diabetic adults over 20 years old in the 20-cou
513893	Sana Mahtab	Role of Group B streptococcus invasive disease as a cause of stillbirths and neonatal deaths in Afri
513502	Sérgio Massora	INCIDENCE OF INVASIVE GROUP B STREPTOCOCCAL DISEASE AMONG YOUNG INFANTS IN RURAL
509505	Shanna Bolcen	Serum-equivalency comparison, detection, & quantification of GBS antibodies from dried blood spots
513215	Shincy MR	Unraveling the characteristics of Group B Streptococci isolated from Indian Hospitals over Six Years
510645	Simon Beach	Antimicrobial susceptibility and Characterisation of AMR genes from GBS isolates from Kampala Uganda
510746	Simon Procter	Health-Related Quality-of-Life among survivors of invasive GBS disease.
510747	Simon Procter	GBS maternal immunisation: A global analysis of health impact and cost-effectiveness
502597	Sopio Chochua	Whole genome sequence (WGS) based strain characterization of invasive group B Streptococcus (iGBS) r
502604	Sopio Chochua	Genomic clusters of Group B Streptococcus strains causing invasive disease, United States, 2015-2018
513341	Soumeya Ouangraoua	Group B Streptococcus Carriage Prevalence among Pregnant Women in Bobo-Dioulasso, Burkina Faso
513297	Srikanth Srinivas	Insights into pbp Allelic mutations conferring resistance to Beta-Lactams in GBS isolates from India
510501	Stephanie Leung	Development of a standardised opsonophagocytic killing assay to quantify functional serotype-specifi
513249	Takudzwa Matuvhunye	Use of microarray to determine prevalence of Group b streptococcus colonization by multiple serotype
510519	Theresa Lamagni	Predictors of fatal outcome in infants diagnosed with invasive GBS infection, England
504580	Thomas Hooven	An indexed library comprising 1,919 monocultured, defined transposon insertion mutations in Group B
510802	Timothy Cooke	An Improved Multivalent GBS Polysaccharide Conjugate Vaccine with 100% Sialic Acid Retention
510337	Tiraput Poonpanichakul	Molecular epidemiology of Group B Streptococcus infection in Thailand shows hypervirulent clone ST28
490179	Tom Hall	Using Dried Blood Spots for a Sero-surveillance Study of Materally Derived Antibody against GBS
510655	Tomislav Mestrovic	The Global Burden of Group B Streptococcus and Implications for Public Health
510658	Tomislav Mestrovic	Unveiling the Burden of Group B Streptococcus (Streptococcus agalactiae) in Brazil

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513291	Uzma Basit Khan	The distribution of potential vaccine targets in the global Group B Streptococcus population
513304	Uzma Basit Khan	Genetic variability among GBS from maternal carriage and neonatal disease in the Netherlands
513273	Varun Shamanna	Genomic characterisation of virulence factors of Streptococcus agalactiae from healthy Indian women
510693	Veronica Kovacec	Genomic Characterization of Group B Streptococcus Strains from Argentina: Insights into Prophage Div
513321	Vicky Gent	Anti-gbs2106 protein IgG in serum of newborns and risk reduction of invasive infant GBS disease
510044	Vinicius Perez	Streptococcus agalactiae genetic diversity from human and cattle microbiota in Paraíba state, northe
533055	Yasmin Barros	Colonization rates of Streptococcus agalactiae in pregnant women in Rio de Janeiro over a 15 years

Poster Information

Poster sessions

Poster session 1		Poster session 2		Poster session 3		Poster session 4		Poster session 5	
<i>Mon 16/10 11:00-11:30</i>		<i>Mon 16/10 17:00-17:30</i>		<i>Tue 17/10 11:00-11:30</i>		<i>Tue 17/10 17:30-18:00</i>		<i>Wed 18/10 11:00-11:30</i>	
11:00-11:10	493577	17:00-17:10	501812	11:00-11:10	502382	17:30-17:40	483032	11:00-11:10	494659
	495713		504928		502410		490179		501242
	496777		510405		510133		495466		510044
	497081		510666		510237		504679		510105
	498454		513273		510278		509505		510337
	500853		513319		510519		510209		510479
	502597		513341		510579		510213		510701
	502604		513374		510620		510347		510703
	513381			510707					
	513471			510760					
11:10-11:20	504262	17:10-17:20	513488	11:10-11:20	510622	17:40-17:50	510400	11:10-11:20	512371
	504577		513502		510645		510501		512552
	504580		513537		510655		510530		512556
	505649		513556		510658		510561		512599
	505765		513560		510693		510565		513215
	506115		513579		510746		510574		513297
	509119		513581		510750		510715		513304
	509510		533055		511449		510747		513441
	534193			513446					
	535339			513462					
11:20-11:30	509635			11:20-11:30	511612	17:50-18:00	510798		
	510075				512664		510802		
	510127				512799		512590		
	510129				513016		513321		
	510131				513249		513552		
	510614				513285		513559		
	536317				513291		513568		
	539144				513893		539131		