



**8TH INTERNATIONAL
SYMPOSIUM ON
IMMUNOLOGY AND
HEMATOLOGY**

SCIENTIFIC PROGRAM

8TH INTERNATIONAL SYMPOSIUM ON IMMUNOLOGY AND HEMATOLOGY (8TH ISIH)

DAY 1

Date: 04 th June 2024		
SCHEDULE	-	SPEAKER
17:00 – 18:30	REGISTRATION ROOM “A”	-
18:30 – 19:30	Opening Ceremony ROOM “B” 8 th International Symposium on Immunology and Hematology	Sylvio Mário Puga Ferreira, PhD (Reitor da UFAM) André Luiz Nunes Zogahib, PhD (Reitor da UEA) Stefanie Costa Pinto Lopes, PhD (Diretora da FIOCRUZ-Amazônia) Marcus Vinitius de Farias Guerra (Diretora-Presidente FMT-HVD) Maria do Perpétuo S. Sampaio Carvalho, Msc (Diretora-Presidente HEMOAM) Allyson Guimarães da Costa, PhD (8th ISIH Coordinator)
19:30 – 20:30	OPENING CONFERENCE ROOM “B” Milestones of Research in Immunology and Hematology in Amazonas: Celebrating 15 years of creation of PPGIBA/UFAM and 10 years of creation of PPGH/UEA/HEMOAM	Adriana Malheiro, PhD (UFAM/HEMOAM) Aya Sadahiro, PhD (UFAM) Andréa Monteiro Tarragô, PhD (UEA/HEMOAM) Nelson Abrahim Fraiji, PhD (HEMOAM/UEA)
20:30 – 22:00	COCKTAIL ROOM “A”	-



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DAY 2 – Morning

Date: June 05th 2024

Date: June 05th 2024			
SCHEDULE	WORKSHOP 1: RESEARCH AND DEVELOPMENT IN BRAZILIAN BLOOD CENTERS – ROOM B		CHAIR
	ACTION	SPEAKER	
09:00 – 09:30	CONFERENCE Importance of Blood Banks in Preparing for new Pandemics	Ester Cerdeira Sabino, PhD (FMUSP)	Myuki Alfaia Esashika Crispim, PhD (PPGH/UEA/HEMOAM)
09:30 – 10:00	CONFERENCE Digital Epidemiology: use of electronic medical record data and artificial intelligence in epidemiological surveillance	Vanderson de Souza Sampaio, PhD (ITpS)	
10:00 – 10:15	SHORT-TALKS Validation of NAT in the detection of Asymptomatic Malaria: challenges for Hemovigilance of Blood Components in a malaria endemic area	Anne Cristine Gomes de Almeida (PPGH/UEA/HEMOAM)	
10:15 – 10:30	SHORT-TALKS Application of machine learning techniques to identify infectivity by <i>Plasmodium sp.</i> in mosquitoes of the genus <i>Anopheles sp</i>	Jady Shayenne Mota Cordeiro (PPGMT/UEA/FMT-HVD)	
10:30 – 11:00	COFFEE BREAK	-	
SCHEDULE	WORKSHOP 3: IMMUNE RESPONSE AND HEMATOLOGICAL DISORDERS IN MALARIA – ROOM B		CHAIR
	ACTION	SPEAKER	
11:00 – 11:30	CONFERENCE Immune system and <i>Plasmodium vivax</i> : what are asymptomatic individuals hiding from us?	Lis Ribeiro do Valle Antonelli, PhD (FIOCRUZ-Minas)	Gisely Cardoso de Melo, PhD (PPGMT/UEA/FMT-HVD)
11:30 – 12:00	CONFERENCE Insights into Rosette formation in <i>vivax</i> Malaria: Advances and Perspectives	Stefanie Costa Pinto Lopes, PhD (FIOCRUZ-Amazônia)	
12:00 – 12:15	SHORT-TALKS Exploring the immunological complexities of <i>Plasmodium vivax</i> malaria in children and adolescents: An in-depth analysis of CCL5 expression in CD8 T lymphocyte subpopulations and its clinical impacts	Ana Carolina Shuan Laco (PPGH/UEA/HEMOAM)	
12:15 – 12:30	SHORT-TALKS Are patients with Vivax Malaria at the beginning of treatment capable of infecting the vectors?	Erika Gómez Martínez (PPGMT/UEA/FMT-HVD)	
12:30 – 14:00	LUNCH	-	



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DAY 2 – Morning

Date: June 05th 2024

SCHEDULE	WORKSHOP 2: IMMUNE RESPONSE AND HEMATOLOGICAL DISORDERS IN SNAKEBITES / SCORPIONISM – ROOM 5 / 6		CHAIR
	ACTION	SPEAKER	
09:00 – 09:30	CONFERENCE From SRS to understanding the role of eicosanoids in scorpionism, a journey through the world of lipids	Lúcia Helena Faccioli, PhD (FCF-USP/Ribeirão Preto)	Wuelton Marcelo Monteiro, PhD (PPGMT/UEA/FMT-HVD)
09:30 – 10:00	CONFERENCE Exploring and discovering new immunological biomarkers predicting serious clinical outcomes in snakebites in the Brazilian Amazon	Allyson Guimarães da Costa, PhD (UFAM/HEMOAM)	
10:00 – 10:15	SHORT-TALKS Urinary proteomics reveals biological processes related to acute kidney injury in <i>Bothrops atrox</i> envenomings	Lisele Maria Rodrigues Alves Brasileiro (PPGMT/UEA/FMTHVD)	
10:15 – 10:30	SHORT-TALKS Photobiomodulation Therapy to Treat Snakebites Caused by <i>Bothrops atrox</i>	Erica da Silva Carvalho (PPGMT/UEA/FMTHVD)	
10:30 – 10:50	COFFEE BREAK	-	
SCHEDULE	WORKSHOP 4: HEMATOLOGICAL AND INFLAMMATORY DISORDERS – ROOM 5 / 6		CHAIR
	ACTION	SPEAKER	
11:00 – 11:30	CONFERENCE Immunothrombosis in hematological diseases	Erich Vinícius de Paula, PhD (UNICAMP)	Leny Nascimento da Mota Passos, PhD (PPGH/UEA/HEMOAM)
11:30 – 12:00	CONFERENCE Inflammation as a cause of hematological diseases	Nelson Abraham Fraiji, PhD (HEMOAM)	
12:00 – 12:15	SHORT-TALKS Characterization of the Profile of Circulating Extracellular Vesicles in Patients with Essential Thrombocythemia	Emanuela Vitória Barbosa Alves (PPGH/UEA/HEMOAM)	
12:15 – 12:30	SHORT-TALKS Exploring hematological alterations and genetics linked to SNV rs10974944 in myeloproliferative neoplasms among Amazon patients	Jhemerson Fernandes Paes (PPGH/UEA/HEMOAM)	
12:30 – 14:00	LUNCH	-	-



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DAY 2 – Afternoon

Date: June 05th 2024

SCHEDULE	WORKSHOP 5: DEVELOPMENT OF NEW IMMUNOLOGICAL ASSAYS FOR INFECTIOUS AND PARASITIC DISEASES – ROOM B		CHAIR
	ACTION	SPEAKER	
14:00 – 14:30	CONFERENCE Applications of flow cytometry in the serodiagnosis of infectious-parasitic diseases	Olindo Assis Martins Filho, PhD (FIOCRUZ-Minas)	Allyson Guimarães da Costa, PhD (PPGIBA/UFAM/HEMOAM)
14:30 – 15:00	CONFERENCE New approaches to diagnosis and protection against infectious diseases	Luís André Morais Mariúba, PhD (Fiocruz-Amazônia)	
15:00 – 15:30	CONFERENCE Inovattions in Chagas Disease Diagnosis	Ana Carolina Campi Azevedo, PhD (FIOCRUZ-Minas)	
15:30 – 15:45	SHORT-TALKS Performance of Immunological Assays for Universal and Differential Diagnosis of HTLV-1/2 Infection in Candidates for Blood Donations from the Brazilian Amazon	Felipe Araújo dos Santos (PPGIBA/UFAM)	
15:45 – 16:00	SHORT-TALKS New approaches for the development of supplies and methods for malaria diagnosis	Juliane Correa Glória (PPGBIO-Interação / FIOCRUZ-Amazônia)	
16:00 – 16:30	COFFEE BREAK	-	
16:30 – 18:30	POSTER EXHIBITION	-	

Date: June 05th 2024

SCHEDULE	TECHNICAL MEETING / TALKS – ROOM 8		CHAIR
	ACTION	SPEAKER	
14:00 – 14:40	THERMO FISHER MEETING Flow Cytometry and Panel Assembly: Strategies for Optimizing Workflow	Lucas Rizzo, PhD Thermo Fisher Scientific	Nilberto Dias de Araújo, PhD (PPGH/HEMOAM)
14:40 – 15:20	BD Biosciences MEETING Automation in data analysis in flow cytometry	Giullia Navarro Marin, PhD BD Biosciences	
15:20 – 16:00	DBR Biotech MEETING Full Spectrum Flow Cytometry: A New Reality	Jaqueline Polizeli Rodrigues, PhD DBR Biotech	
16:00 – 16:30	COFFEE BREAK	-	-
16:30 – 18:30	POSTER EXHIBITION	-	-



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DAY 3 – Morning

Date: June 06th 2024

SCHEDULE	WORKSHOP 6: EXTRACELLULAR VESICLES AND APPLICATIONS IN CANCER, INFECTIOUS AND PARASITIC DISEASES – ROOM “B”		CHAIR
	ACTION	SPEAKER	
09:00 – 09:30	CONFERENCE Extracellular vesicles released by <i>Trypanosoma cruzi</i> : the role in host-parasite interaction	Ana Claudia Trocoli Torrecilhas, PhD (UNIFESP)	Andréa Monteiro Tarragô, PhD (PPGH/UEA/HEMOAM)
09:30 – 10:00	CONFERENCE Extracellular Vesicles as Biomarkers of Prognosis and Clinical Response to Treatment in Infectious Diseases and Cancer	Andréa Teixeira de Carvalho, PhD (FIOCRUZ-Minas)	
10:00 – 10:10	SHORT-TALKS Characterization of circulating MVs in CML patients undergoing ITK treatment	landara Máira Lopes de Souza (PPGH/UEA/HEMOAM)	
10:10 – 10:20	SHORT-TALKS Analysis of microvesicles in samples from individuals diagnosed with <i>Bothrops atrox</i> envenomation's treated at a reference center in the Brazilian Amazon	Juliana Costa Ferreira Neves (PPGMT/UEA/FMT-HVD)	
10:20 – 10:30	SHORT-TALKS Circulating Microvesicles Derived from Regulatory T Cells and Their Influence on Cellular Immunosuppression in Pediatric Patients with B-Cell Acute Lymphoblastic Leukemia	Flávio Silva de Souza (PPGIBA/UFAM)	
10:30 – 10:50	COFFEE BREAK	-	
SCHEDULE	WORKSHOP 8: IMUNE RESPONSE, HEMATOLOGICAL DISEASES AND VIRAL INFECTIONS – ROOM “B”		CHAIR
	ACTION	SPEAKER	
10:50 – 11:50	CONFERENCE Epstein-Barr virus: From Kisses to cancer, an ingenious immune evader	Pankaj Trivedi, PhD (La Sapienza University)	Jerusa Araújo Quintão Arantes Faria, PhD (PPGIBA/UFAM)
11:50 – 12:20	CONFERENCE Exploring the Epidemiological Dynamics of Viral Infections within Hematological Diseases in the Brazilian Amazon	Gemilson Pontes Soares, PhD (INPA)	
12:20 – 12:30	SHORT-TALKS Prevalence of Erythrovirus B19V infection in patients with hematological diseases	Paulo Henrique Rodrigues de Souza (PPGH/UEA/HEMOAM)	
12:30 – 14:00	COFFEE BREAK	-	



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Date: June 06th 2024

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SCHEDULE	WORKSHOP 7: IMMUNE RESPONSE AND HEMATOLOGICAL DISORDERS IN COVID-19 – ROOM 5 / 6		CHAIR
	ACTION	SPEAKER	
09:00 – 09:30	CONFERENCE Immunogenetic profiles associated with COVID-19 and long-COVID	Antonio Carlos Rosário Vallinoto, PhD (UFPA)	Fernando Fonseca de Almeida e Val, PhD (PPGMT/UEA/FMT-HVD)
09:30 – 10:00	CONFERENCE Mediators profile in COVID-19 convalescence: an approach in individuals from amazon	Adriana Malheiro, PhD (UFAM/HEMOAM)	
10:00 – 10:15	SHORT-TALKS Higher inflammatory cytokines in long-covid with respiratory symptoms after acute severe COVID	Alex Bezerra da Silva Maciel (PPGMT/UEA/FMTHVD)	
10:15 – 10:30	SHORT-TALKS Dynamics of production of IgA, IgG and IgM immunoglobulins in intensive care patients with COVID-19	Hiochelson Najibe dos Santos Ibiapina (PPGMT/UEA/FMTHVD)	
10:30 – 10:50	COFFEE BREAK	-	-
SCHEDULE	WORKSHOP 9: GENOMIC AND EPIDEMIOLOGICAL SURVEILLANCE OF ARBOVIRUSES – ROOM 5 / 6		CHAIR
	ACTION	SPEAKER	
11:00 – 11:30	CONFERENCE Molecular Surveillance of Emergent, Reemergent, or Neglected viruses in Amazon.	Felipe Gomes Naveca, PhD (Fiocruz-Amazônia)	Priscila Ferreira Aquino, PhD (PPGBIO-Interação/FIOCRUZ-Amazônia)
11:30 – 12:00	CONFERENCE Dengue genomic surveillance	Bárbara Aparecida Chaves, PhD (ITpS)	
12:00 – 12:15	SHORT-TALKS Emergence of a novel reassortant Oropouche virus drives persistent outbreaks in the Brazilian Amazon region from 2022 to 2024	Tatiana Amaral Pires de Almeida (PPGBIO-Interação/FIOCRUZ-Amazônia)	
12:15 – 12:30	SHORT-TALKS Antiamaryl antibody levels and pregnancy outcome in pregnant women who had Zika infection in Manaus, Brazil	Isa Cristina Ribeiro Piauilino (PPGMT/UEA/FMT-HVD)	
12:30 – 14:00	COFFEE BREAK	-	-



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DAY 3 – Afternoon

Date: June 06 th 2024			
SCHEDULE	CLOSING CONFERENCES: IMMUNE RESPONSE AND HEMATOLOGICAL DISORDERS IN HEMATOLOGICAL MALIGNANCIES – ROOM B		CHAIR
	ACTION	SPEAKER	
14:00 – 14:30	CONFERENCE Induced pluripotency stem cells in the study of hematological malignancies	Bárbara da Costa Reis Monte-Mór, PhD (INCA)	Andréa Monteiro Tarragô, PhD (PPGH/UEA/HEMOAM)
14:30 – 15:00	CONFERENCE Molecular Genetics of Chronic Lymphoid Leukemia (CLL)	Ilana Zalcborg Renault, PhD (INCA)	
15:00 – 16:00	CONFERENCE Monoclonal B-cell lymphocytosis (MBL): geographical variation and immune impairment	Andy C. Rawstron, PhD (Leeds Cancer Centre and University of York)	
16:00 – 16:30	8th ISIH SCIENCE AWARD	CLOSING CEREMONY	Allyson Guimarães da Costa, PhD (PPGIBA/UFAM/HEMOAM)

Date: June 06 th 2024			
SCHEDULE	TECHNICAL MEETING / TALKS – ROOM 5 / 6		CHAIR
	ACTION	SPEAKER	
14:00 – 14:50	Beckman Coulter MEETING Nanoflow: Why and How to Detect Extracellular Vesicles by Flow Cytometry	Bruno Paredes, PhD Beckman Coulter	George Allan Villarouco, PhD (PPGIBA/UFAM/HEMOAM)
14:50 – 15:40	TECLAB MEETING Exploring the potential of the Luminex Platform for challenges in Immunology	Lucas Rizzo, PhD Thermo Fisher Scientific	
16:00 – 16:30	8th ISIH SCIENCE AWARD	CLOSING CEREMONY	Allyson Guimarães da Costa, PhD (PPGIBA/UFAM/HEMOAM)