

May 3 <sup>th</sup> , 2019	
<b>Pre-event Workshops (Museu de Arte do Rio)</b>	
<ul style="list-style-type: none"> <li>• Workshop 1: Productivity and efficiency</li> <li>• Workshop 2: Bio-Manguinhos and the holistic approach in the treatment of diabetic patients</li> <li>• Workshop 3: Quality Control Optimization</li> <li>• Workshop 4: Competitive Intelligence: theory and practice are two different things</li> </ul>	

Museu do Amanhã		
May 7 <sup>th</sup> , 2019	Auditorium	Innovation Hub
8:00 a.m – 9:00 a.m	<b>Reception, poster viewing session and networking I</b>	<b>Private meetings</b>
9:00 a.m – 10:00 a.m	<b>Lecture 1:</b> <b>How does precision oncology look in the future and what will be the role of immunotherapy</b> <i>Speaker: Daniel Speiser, University of Lausanne</i> <i>Coordinator: Rodrigo Corrêa, Vice Presidency of Research and Biological Collections (VPPCB) / Fiocruz</i>	<b>Private meetings</b>
10:00 a.m – 10:40 a.m	<b>Poster viewing session and networking II</b>	<b>Private meetings</b>
10:40 a.m – 11:00 a.m	<b>Oral presentation session 1:</b> Development, characterization and validation of interfering RNA carrier liposomes for breast cancer treatment (BIO-03) - <i>Alice Sampaio Barreto da Rocha</i>	<b>Innovation Assets of Fiocruz and Bio-Manguinhos: From Discovery to Clinical</b> <b>Innovation Assets of Fiocruz: Projects pipeline</b> <i>Speaker: Marco Krieger, vice presidency of manufacturing and health innovation (VPPIS)/Fiocruz</i>
11:00 a.m – 11:20 a.m	<b>Oral presentation session 2:</b> Improving the autocleavage performance of human L-asparaginase: a novel solution to overcome the challenges of leukemia treatment (BIO-08) - <i>Stephanie Bath de Morais</i>	<b>Innovation Assets of Bio-Manguinhos: R&amp;D pipeline</b> <i>Speaker: Sotiris Missailidis, vice directory of technological development - Bio-Manguinhos/Fiocruz</i>
11:20 a.m – 12:40 p.m	<b>Round table 1:</b> <b>Challenges on cancer diagnostic and immunotherapy</b> <b>Panelists:</b> <ul style="list-style-type: none"> <li>• Daniel Speiser, University of Lausanne</li> <li>• Daniel Tabak, Clínica São Vicente</li> <li>• Vladimir Claudio C Lima, AC Camargo</li> <li>• Andreia Melo, Brazilian National Cancer Institute, Inca</li> </ul> <i>Coordinator: Martin Bonamino, Fiocruz and Brazilian National Cancer Institute, Inca</i>	<b>Entrepreneurship for innovation</b> <i>Speaker: Eduardo Emrich Soares, Biominas.</i>
12:40 p.m – 1:20 p.m	<b>Poster viewing session and networking III</b>	<b>Private meetings</b>
1:20 p.m – 2:00 p.m		<b>Parallel Session</b> Understanding the immune response to dengue infection and vaccination <i>Speaker: Hansi Dean, Takeda</i>
2:00 p.m – 2:40 p.m	<b>Opening session</b>	

2:40 p.m – 4:00 p.m	<p><b>Lecture 2</b>  <b>Grand Lecture: novel and disruptive technologies for immunobiologicals</b>  <i>Speaker:</i> Christian Mandl, University of Vienna and Tiba Biotech and Themis  <i>Coordinator:</i> Akira Homma, Bio-Manguinhos / Fiocruz</p>
4:00 p.m – 6:00 p.m	Wellcome cocktail

May 8 <sup>th</sup> , 2019	Auditorium	Innovation Hub
8:00 a.m – 9:00 a.m	<b>Reception, poster viewing session and networking IV</b>	<b>Private meetings</b>
9:00 a.m – 10:00 a.m	<p><b>Lecture 3:</b>  <b>Vaccination schedule in 2030 - how innovation shapes policies</b>  <i>Speaker:</i> Peter Dull, Bill &amp; Melinda Gates Foundation (B&amp;MGF)  <i>Coordinator:</i> Mauricio Zuma, Bio-Manguinhos/Fiocruz</p>	<p><b>Satellite Symposium GSK</b>            Pathways to scientific partnerships and research development with the pharmaceutical industry in Brazil: GSK experience            Speaker: Luciana Tarbes Mattana Saturnino, GSK</p>
10:00 a.m – 10:40 a.m	<b>Poster viewing session and networking V</b>	<p><b>Satellite Symposium GE</b>            The Future of Vaccine and Viral vector Production            Speaker: Patrick Guertin, GE Healthcare Life Sciences</p>
10:40 a.m – 11:00 a.m	<p><b>Oral presentation session 3:</b>            Evaluation of different adjuvant formulations for development of an inactivated Yellow Fever vaccine candidate (VAC-13) – <i>Marco Alberto Medeiros</i></p>	<p><b>Innovation Assets of Fiocruz and Bio-Manguinhos: From Discovery to Clinical</b>  <b>Drug Discovery platforms: a case of Bio-Manguinhos</b>            Speaker: Sotiris Missailidis, vice directory of technological development, Bio-Manguinhos/Fiocruz</p>
11:00 a.m – 11:20 a.m	<p><b>Oral presentation session 4:</b>            Identification of viral populations and genome stability of current Brazilian yellow fever vaccine strains using whole genome data (VAC-18) - <i>Amanda Araújo Serrão de Andrade</i></p>	<p><b>Animal Experimentation: Bio-Manguinhos Experience</b>            Speakers:            Rodrigo Müller, Animal Experimentation Lab - Bio-Manguinhos/Fiocruz            Renato Marchevsky, Neurovirulency Experiment Lab - Bio-Manguinhos/Fiocruz</p>
11:20 a.m – 12:40 p.m	<p><b>Round table 2:</b>  <b>Development of Arbovirus Vaccine</b>  <i>Panelists:</i>            • Erich Tauber, Themis            • Jorge Osorio, University of Wisconsin–Madison   UW            • Marcos da Silva Freire, Bio-Manguinhos/Fiocruz  <i>Coordinator:</i> José Paulo Gagliardi Leite, IOC/Fiocruz</p>	<p><b>Pitch Session: Inova Biotec</b>            Startups:            • CEMBIO - Service Platform for Immunobiologicals characterization by Mass Spectrometry- Ronaldo Mohana Borges            • Novel immunochemical tools for differentiation of tuberculous and non-tuberculous mycobacteria- Giliane da Silva de Souza Cabral            • Production of rhPDGF-BB via mammalian cells - Talita Souza Carmo            • Recuperamed - Patricia Pranke            • Software CELP (Counter of Erythrocytes, Leukocytes and Platelets) - Ana Carolina Borges Monteiro</p>

12:40 p.m – 1:20 p.m	<b>Poster viewing session and networking VI</b>	<b>Private meetings</b>  <b>BUILDING TRUST BY INVESTMENTS</b> <ul style="list-style-type: none"> <li>• BNDES, <i>João Paulo Pieroni</i></li> <li>• Finep, <i>Rodrigo Rocha Secioso de Sá</i></li> <li>• Global Health Investment Fund, <i>Kabeer Aziz</i></li> <li>• Israel Trade &amp; Investments, <i>Tamires Poleti</i></li> <li>• Biominas, <i>Eduardo Emrich Soares</i></li> <li>• Embrapii, <i>Jorge Almeida Guimarães</i></li> <li>• Antera Gestão de Recursos, <i>Paula Salomão Martins</i></li> <li>• Fundepar, Euler Santos</li> </ul>
1:20 p.m – 2:00 p.m	<b>Satellite Symposium Sanofi Pasteur</b> Meningococcal disease: Epidemiology and risk of outbreak of W serotype in Brazil Speaker: José Geraldo L. Ribeiro, Faculdade de Ciências Médicas de Minas Gerais e Faculdade de Saúde e Ecologia Humana	
2:00 p.m – 3:00 p.m	<b>Lecture 4:</b> <b>New Challenges for Biopharmaceutical Process Development - Transforming the way regulated products are developed, evaluated, and manufactured</b> Speaker: Dirceu Barbano, B2CD Consultoria Empresarial Coordinator: Bernardo Luiz Moraes Moreira, GGMed/Anvisa	
3:00 p.m – 3:20 p.m	<b>Oral presentation session 5:</b> <i>Leishmania infantum</i> lipophosphoglycan, a novel carbohydrate-based antigen for the immunodiagnosis of canine visceral leishmaniasis (IVD-04) - <i>Rodrigo Pedro Soares</i>	
3:20 p.m – 3:40 p.m	<b>Oral presentation session 6:</b> Development of an identification system of <i>Neisseria meningitidis</i> , <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> in clinical samples, by qPCR-HRM (IVD-09) - <i>Ivano de Filippis</i>	
3:40 p.m – 5:00 p.m	<b>Round table 3:</b> <b>New technology approaches for diagnostics of infectious diseases</b> Panelists: <ul style="list-style-type: none"> <li>• Fabricio Marchini, Molecular Biology Institute of Paraná (IBMP)</li> <li>• Luiz Ricardo Goulart, Federal University of Uberlândia (UFU)</li> <li>• David Brown, Oswaldo Cruz Institute (IOC)/Fiocruz</li> <li>• Mitermayer Galvão dos Reis, Gonçalo Moniz Institute (CPqGM/Fiocruz – BA)</li> </ul> Coordinator: Sotiris Missailidis, Bio-Manguinhos/Fiocruz	
<b>May 9<sup>th</sup>, 2019</b>		<b>Innovation Hub</b>
8:00 a.m – 9:00 a.m	<b>Reception, poster viewing session and networking VII</b>	<b>Private meetings</b>
9:00 a.m – 10:00 a.m	<b>Lecture 5:</b> <b>Human genetics and susceptibility to infectious disease and challenges for vaccine design</b> Speaker: Emmanuelle Jouanguy, INSERM/Université Paris Descartes Coordinator: Marco Alberto Medeiros, Bio-Manguinhos/Fiocruz	<b>Satellite Symposium Biozeen</b> Biozeen Approach for Equipment Design & Process Control for efficient biological manufacturing Speaker: Daniel Cardoso, Biozeen – Americas

10:00 a.m – 10:40 a.m	<b>Poster viewing session and networking VIII</b>	<b>Private meetings</b>
10:40 a.m – 11:00 a.m	<b>Oral presentation session 7:</b> Host-genetic combination based on IFNL3/IFNL4 polymorphism with other prognostic variables increases sustained response in antiviral therapy with pegylated interferon alpha (ORT-26) - <i>Andréa M. V. da Silva</i>	<b>Innovation Assets of Fiocruz and Bio-Manguinhos: From Discovery to Clinical</b>  <b>Pilot plant and scale-up production facilities</b> Speaker: Gisele Albuquerque Chads, Pilot Plant - Bio-Manguinhos/Fiocruz
11:00 a.m – 11:20 a.m	<b>Oral presentation session 8:</b> Repurposing Annita® drug against ZIKV infection on Human Placenta and Cervix cells (ORT-33) - <i>Audrien Alves Andrade de Souza</i>	<b>Clinical Development: Experience and infrastructure</b> Speaker: Maria de Lourdes de Sousa Maia, Clinical Advisory - Bio-Manguinhos/Fiocruz
11:20 a.m – 12:40 p.m	<b>Round Table 4:</b> <b>Current and New Bacterial Conjugation Technologies</b> <u>Panelists:</u> <ul style="list-style-type: none"> <li>• George Siber, ClearPath Vaccines and Affinivax</li> <li>• Brendan Wren, London School of Hygiene &amp; Tropical Medicine</li> <li>• Ivna Alana da Silveira, Bio-Manguinhos/Fiocruz</li> </ul> <i>Coordinator: Antonio Barbosa, Bio-Manguinhos/Fiocruz</i>	<b>Pitch Session: Inova Biotec</b>  Startups: <ul style="list-style-type: none"> <li>• RNA loading in liposomal formulation for therapy in lysosomal diseases - Wesley Luzetti Fotoran</li> <li>• iBench - Andreia Oliveira</li> <li>• IPush - Karina de Godoy Daiha and Átila Duque Rossi</li> <li>• Development of new molecular tools for antibody detection and purification – Maria de Lourdes de Borba Magalhães</li> <li>• Biologically-derived magnetic nanoparticles: drug delivery, tumor treatment and neural recovery - Gabriele Vargas Cesar</li> </ul>
12:40 p.m – 2:00 p.m	<b>Poster viewing session and networking IX</b>	<b>Private meetings</b>
2:00 p.m – 2:20 p.m	<b>Oral presentation session 9:</b> Developing an intranasal vaccine against canine visceral leishmaniasis: a study of efficacy in mice (VAC-11) - <i>Izabella Pereira da Silva Bezerra</i>	<b>Parallel Session</b> Global Alliances to Solve Personalized Problems: Where (and How) Biopharma is Heading To? Speaker: Antero Macedo, Clarivate
2:20 p.m – 2:40 p.m	<b>Oral presentation session 10:</b> Prospection studies: a new methodology for strengthening research projects conducted by graduate students (MAN-11) - <i>Fabricia Pires Pimenta Ribeiro</i>	
2:40 p.m – 4:00 p.m	<b>Round Table 5:</b> <b>Biopharmaceutical innovation &amp; Global health: How to be ready for the unknown?</b> <u>Panelists:</u> <ul style="list-style-type: none"> <li>• Ralf Clemens, GRID consulting/B&amp;MGF</li> <li>• Marco Krieger, vice presidency of manufacturing and health innovation (VPPIS)/Fiocruz</li> <li>• Glenn Rockman, Global Health Investment Fund</li> </ul> <i>Coordinator: Akira Homma, Bio-Manguinhos/Fiocruz</i>	
4:00 p.m – 5:00 p.m	<b>Closing Ceremony and IV ISI Awards</b>	