



5th International Neonatal & Maternal Immunization Symposium
 September 15-17, 2019
 Vancouver (Canada)
www.inmis.org

DRAFT SCIENTIFIC PROGRAM (November 26, 2018)
Securing Protection for the Next Generation

Time	Topic	Speakers
DAY 1: SEPTEMBER 15, 2019		
0800-0900	Registration	
0900-0930	Welcome Address: First Nations, BC Ministry of Health	TBC Bonnie Henry
	Introduction to INMIS 2019: Co-Chairs	Tobi Kollmann Manish Sadarangani
0930-1015	Opening Keynote: Protecting the next generation through neonatal and maternal immunization <i>Learning Objectives:</i> 1. Understand how maternal and neonatal immunization fit into the WHO Sustainable Development Goals 2. Describe the role of maternal and neonatal immunization in a healthy life trajectory for the first 1000 days 3. Understand the challenges of coordinated and sustainable global implementation of maternal and neonatal immunization programs	TBC
1015-1115	Protecting newborns and infants through maternal immunization <i>Learning objectives:</i> 1. Update on the progress towards the implementation of maternal immunization as a public health strategy to protect newborns and infants against serious infections 2. Describe efforts to introduce maternal vaccines in LMICs: Are current antenatal care services an adequate platform? 3. Understand the challenges and opportunities for the assessment of safety and effectiveness of maternal immunization through EMR and data linkage, including specific challenges in LMICs Maternal tetanus vaccination as a platform for the implementation of maternal immunization in LMICs Linking mothers and infants to assess the safety and effectiveness of maternal immunization	<u>Session Co-chairs:</u> Flor Munoz-Rivas Surasith Chaithongwongwatthana Philipp Lambach Deshayne Fell
1115-1145	BREAK, POSTER VIEWING & NETWORKING	
1145-1245	Abstracts related to maternal immunization programmatic issues	Abstract speakers TBD
1245-1330	LUNCH, POSTER VIEWING & NETWORKING	
1330-1430	Multi-disciplinary approach to improve maternal vaccine uptake <i>Learning objectives:</i> 1. Understand the potential impact of belief systems and cultural practices on vaccine uptake in pregnant women 2. Describe the hurdles and opportunities of translating research findings into government policy	<u>Session Co-chairs:</u> Ed Clarke Pierre Van Damme



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	<p>3. Consider the role of maternal healthcare providers as advocates of maternal and neonatal vaccination: opportunities and challenges</p> <p>Impact of belief systems and cultural practices on vaccine uptake in pregnant women</p> <p>Translating research findings into government policy on maternal and neonatal immunization</p>	<p>Sarah O'Neill</p> <p>TBC</p>
1430-1530	Abstracts related maternal vaccine hesitancy	Abstract speakers TBD
1530-1600	BREAK, POSTER VIEWING & NETWORKING	
1600-1700	<p>Panel & audience discussion: Overcoming hurdles to increase maternal vaccination uptake</p> <p>Panelist – Sarah O'Neill, Serese Marotta, Philipp Lambach, Deshayne Fell, TBC</p>	<p>Panel Chair: Ed Clarke, Pierre Van Damme, or Flor Munoz-Rivas</p>
1700-1830	OPENING RECEPTION, POSTER VIEWING	
DAY 2: SEPTEMBER 16, 2019		
0830-0930	<p>The mechanistic underpinnings of maternal and neonatal immunization</p> <p><i>Learning objectives:</i></p> <ol style="list-style-type: none"> 1. Illustrate the potential of systems immunology for the understanding of the immunobiology of the mother-infant dyad 2. Provide an update on the immunobiology of pregnancy and its relevance for vaccine responses 3. Provide an update on the rules and mechanisms underlying transplacental transfer of maternal antibodies <p>Systems immunology of the mother-infant dyad</p> <p>Molecular and cellular basis of maternal antibody transfer</p>	<p><u>Session Co-chairs:</u> Arnaud Marchant Ofer Levy</p> <p>John Tsang</p> <p>Madeleine Jennewein</p>
0930-1000	Abstracts related to the mechanisms of maternal and neonatal immunization and transplacental transfer of immunity	Abstract speakers TBD
1000-1030	BREAK, POSTER VIEWING & NETWORKING	
1030-1130	Abstracts related to the mechanisms of maternal and neonatal immunization and transplacental transfer of immunity	Abstract speakers TBD
1130-1230	<p>Panel & audience discussion: How does the maternal-newborn immune dyad communicate?</p> <p>Panelists: John Tsang, Madeleine Jennewein, Tobi Kollmann, TBC</p>	<p>Panel Chair: Arnaud Marchant or Ofer Levy</p>
1230-1330	LUNCH, POSTER VIEWING & NETWORKING	
1330-1430	Rapid poster oral abstracts	Selected poster presenters
1430-1530	<p>Promoting healthy infant life through optimizing neonatal immunization</p> <p><i>Learning objectives:</i></p> <ol style="list-style-type: none"> 1. Overview on role of current vaccines in the prevention of neonatal morbidity and mortality 	<p><u>Session Co-chairs:</u> Elke Leuridan Ener Dinleyici</p>



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	<p>2. <i>Optimizing existing neonatal immunization strategies, including opportunities to protect preterm born infants</i></p> <p>3. <i>New neonatal vaccines and the role for infant health promotion: the example of rotavirus</i></p> <p>Neonatal immunization: well begun is half done</p> <p>Neonatal rotavirus vaccination</p>	<p>David Goldblatt</p> <p>Julie Bines</p>
1530-1600	BREAK, POSTER VIEWING & NETWORKING	
1600-1630	Importance of neonatal Hepatitis B immunization	Pierre Van Damme
1630-1730	Abstracts related to neonatal immunization	Abstract speakers TBD
1730-1930	EVENING RECEPTION & NETWORKING	
DAY 3: SEPTEMBER 17, 2019		
0830-0930	<p>The next generation of neonatal and maternal immunization research</p> <p><i>Learning objectives:</i></p> <ol style="list-style-type: none"> <i>1. Understand infections currently causing global maternal and neonatal deaths & disability</i> <i>2. Understand the current burden of maternal and neonatal antimicrobial resistance (AMR) and the potential of maternal and neonatal immunization in tackling global AMR</i> <i>3. Understand the potential (or mechanisms) of mucosal immunization in preventing infections in infants</i> <p>Research needs for the next generation of maternal and neonatal vaccines: Lessons learned from the case study of maternal group B streptococcal disease</p> <p>Tackling AMR through maternal and neonatal immunization</p>	<p><u>Session Co-chairs:</u> Beate Kampmann Clare Cutland Paul Heath</p> <p>Stephanie Schrag</p> <p>Padmini Srikantiah</p>
0930-1030	Abstracts related to maternal/neonatal targets for possible vaccine interventions, including vaccine pipeline work	Abstract speakers TBD
1030-1100	BREAK & NETWORKING	
1100-1145	<p>Closing Keynote: The ethics of maternal and neonatal immunization</p> <p><i>Learning Objectives:</i></p> <ol style="list-style-type: none"> <i>1. Describe the ethics of including pregnant women in vaccine trials, for vaccines which are/are not specifically/exclusively targeted at this population</i> <i>2. Understand the ethical implications of maternal and neonatal immunization programs</i> 	Ruth Karron
1145-1215	Audience discussion: Is the field on the right path? What are we missing?	TBC
1215-1230	Closing Remarks and Adjournment	<p>Tobi Kollmann</p> <p>Manish Sadarangani</p> <p>INMIS 2021 Co-Chairs</p>