<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>11:30 - 01:30</td>
<td>REGISTRATION</td>
<td></td>
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<tr>
<td>12:00 - 01:00</td>
<td>KEYNOTE - Disentangling microbiome and probiotic facts from fake news</td>
<td>Gregor Reid, PhD MBA FRSC</td>
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<tr>
<td>01:00 - 01:30</td>
<td>BREAK</td>
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**PARALLEL SESSION 1**

**Probiotics and the human microbiome: what a clinician needs to know**
Chair: Dragana Skokovic-Sunjic

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<tbody>
<tr>
<td>01:30 - 01:50</td>
<td>Antibiotics and diversity loss: the case of C. difficile infection</td>
<td>Emma Allen-Vercoe, PhD</td>
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<tr>
<td>01:50 - 02:10</td>
<td>Bugs and diarrhea, what to take to not go too fast</td>
<td>Jeff Wong, Clinical Pharmacist</td>
</tr>
<tr>
<td>02:10 - 02:30</td>
<td>Weight loss and diabetes, bugs just holding on to it</td>
<td>Jaimie Hemsworth, RD PhD</td>
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**PARALLEL SESSION 2**

**Microbiome in pregnancy and beyond: clinical implications**
Chair: Ruben Hummelen

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<tr>
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<tbody>
<tr>
<td>01:30 - 01:50</td>
<td>Choose your bugs wisely, practice recommendations on neonatal colonization</td>
<td>Kjersti Aagaard, MD PhD FACOG</td>
</tr>
<tr>
<td>01:50 - 02:10</td>
<td>Of the bugs that shape us: maternal obesity, the gut microbiome, and long-term disease risk</td>
<td>Deborah Sloboda, PhD</td>
</tr>
<tr>
<td>02:10 - 02:30</td>
<td>Infant and maternal factors that predict the developing infant gut microbiome</td>
<td>Jennifer Stearns, PhD</td>
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02:30 - 03:00  | COFFEE BREAK Exhibits and poster viewing                                 |                                                                            |

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<tr>
<td>03:00 - 03:20</td>
<td>Microbe management: taking care of your gut microbiota</td>
<td>Emma Allen-Vercoe, PhD</td>
</tr>
<tr>
<td>03:20 - 03:40</td>
<td>Irritable bowel syndrome, from frustrational to microbial exercise</td>
<td>John Marshall, MD MSc FRCPC AGAF</td>
</tr>
<tr>
<td>03:40 - 04:00</td>
<td>Probiotics in primary care, the indications to complete your arsenal</td>
<td>Dragana Skokovic-Sunjic, Clinical Pharmacist</td>
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**Q&A - PANEL DISCUSSION**

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<tr>
<td>04:00 - 04:30</td>
<td>Q&amp;A - PANEL DISCUSSION</td>
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<tr>
<td>04:30 - 05:00</td>
<td>RECEPTION Exhibits and poster viewing</td>
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**MARCH 6TH**

**CLINICAL AFTERNOON - Microbiome in primary care and maternal health**
08:00 - 09:00  REGISTRATION

09:00 - 09:30  KEYNOTE - Which pregnancy outcomes do really matter for microbiome research?
Deborah Money, MD FRCSC

09:30 - 10:00  KEYNOTE - Where is the signal and where is the noise? Defining impact in microbiome research
Kjersti Aagaard, MD PhD FACOG

10:00 - 10:30  RAPID FIRE TALKS - the challenge to present your research in 5 minutes
Dietary intake, metabolic health and the maternal microbiome in early pregnancy
Calum Walsh, PhD
Altered endometrial microbiota in women with endometriosis
Jocelyn Wessels, PhD
The vaginal microbiota differs between women who deliver preterm relative to those who deliver full-term
Conor Feehily, PhD
Resurrecting uncultivated vaginal bacteria using metagenomics and synthetic biology
Laura Sycuro, PhD

10:30 - 11:00  COFFEE BREAK Exhibits and poster viewing

11:00 - 11:30  KEYNOTE - Lessons from pregnant and adolescent mice: gut microbes, antibiotics and depression
John Bienenstock, MD FRCP FRSC

11:30 - 11:45  Human milk oligosaccharides, role in shaping the maternal and infant microbiome
Nikky Contractor, PhD

11:45 - 12:00  Pregnancy associated changes in the vaginal microbiome
Janet Hill, PhD

12:00 - 01:30  LUNCH Exhibits and poster viewing

01:30 - 02:30  DEEP DIVE SESSIONS - Round 1
small group interactive sessions, a different session can be chosen each round
WORKSHOP Interdisciplinary microbiome research, the tools and the team
Michael Surette, PhD

WORKSHOP The vaginal metagenome, lessons learned and tools for the future
Manya Petrova, PhD and Michael France, PhD

MASTERCLASS The vaginal microbiome, an overview of a decade of research and challenges going forward
Janneke van de Wijgert, PhD MPH MSc

CLINICAL SESSION Probiotics in primary care: what a clinician needs to know
Dragana Skokovic-Sunjic, Clinical Pharmacist and Jessica ter Haar, PhD

02:30 - 02:45  BREAK

02:45 - 03:45  DEEP DIVE SESSIONS - Round 2
small group interactive sessions, a different session can be chosen each round
WORKSHOP Interdisciplinary microbiome research, the tools and the team
Michael Surette, PhD

WORKSHOP Understanding vaginal microbiomics: technologies, challenges, and opportunities
Jean Macklaim, PhD

MASTERCLASS The vaginal microbiome, an overview of a decade of research and challenges going forward
Janneke van de Wijgert, PhD MPH MSc

CLINICAL SESSION Probiotics in pregnancy: indications and safety profile
Kristin Connor, PhD, Kelly Hayes, RM, BMW and Ruben Hummelen, MD PhD

03:45 - 04:15  COFFEE BREAK Exhibits and poster viewing

04:15 - 04:45  RAPID FIRE TALKS - the challenge to present your research in 5 minutes
The functional evaluation of the denitrification pathways variety in the oral and gut human microbiome
Violetta Florova, MD

Distinct Placental Microbiome in Twins
Nayo S. Williams, MD

Antenatal depression is associated with altered maternal gut microbiome and immune system
Beatriz Penalver Bernabe, PhD

04:45 - 05:30  THE BOTTOM LINE - Summaries and conclusions of all discussion groups
Chair: Gregor Reid, PhD MBA FRSC

05:30 - 05:45  CLOSING REMARKS Award Best Rapid Fire Talk and Award Best Poster

05:45 - 06:30  RECEPTION Exhibits and poster viewing

07:00 - 09:00  Love your bugs! The female microbiome and prevention of disease
Public Lecture connected to International Women’s Day
Vivien Brown, MD CCFP and Gregor Reid, PhD MBA FRSC