

## AIRR-Community Meeting IV Preliminary Agenda 11-15 May 2019

### Saturday, 11 May: WG Meetings, Workshops and WG Progress Reports

Start	End	Activities
9:30	10:00	<i>Coffee &amp; snack provided</i>
10:00	15:00	<b>WGs meet separately</b> <i>(Each WG will provide a separate agenda to its members)</i>
10:00	13:00	<b>Workshop I - Fundamentals of the Immune System</b>
10:00	13:00	<b>Workshop II - AIRR-Seq Data Processing and Analysis</b> <i>(including AIRR-C standards for data and storage)</i>
13:00	14:00	<i>Lunch (provided for the WGs only)</i>
15:00	15:30	<i>Biobreak</i>
15:30	15:40	<b>Welcome by current Chair and Chair-elect of the AIRR-C Committee of TABS</b> <b>Introduction to Working Group Reports on Progress, Future Plans &amp; Leadership</b> <i>(20-min Reports + 10-min Discussion)</i>
15:40	16:10	<b>Software WG Report</b>
16:10	16:40	<b>Biological Reagents WG Report</b>
16:40	16:10	<b>Germline DB WG Report</b>
17:10	18:00	<b>Panel Discussion: Germline Databases WGs</b> <i>- Suggested Topic: Integrating AIRR-C initiatives with alternative databases and ontologies for IG and TCR germline genes</i>
		<i>Dinner on your own</i>

### Sunday, 12 May: WG and Communication Subcommittee Progress Reports

Start	End	Activities
9:30	10:00	<i>Coffee &amp; snack provided</i>
10:00	10:10	<b>Introduction to Day 2 of Progress Reports</b> <i>(20-min Report + 10-min Discussion)</i>
10:10	10:40	<b>Data Representation WG Report</b>
10:40	11:10	<b>Minimal Standards WG Report</b>
11:10	11:40	<b>Common Repository WG Report</b>
11:40	12:30	<b>Panel Discussion: Common Repositories, Data Representation and Minimal Standards WGs</b> <i>- Suggested Topic: Integrating the AIRR-C initiatives with alternative standards and repositories for AIRR-Seq data</i>
12:30	14:30	<i>Lunch (on your own)</i>
14:30	14:50	<b>Introduction to the Communications Subcommittee &amp; Report</b>
14:50	15:30	Discussion on Communication Subcommittee's Proposed Plans
15:30	17:30	<b>AIRR-C Meeting Welcome Reception</b>
16:30	18:00	1-on-1 or 1-on-2 Pipeline tutorials <i>(registration for this is required in advance)</i>
		<i>Dinner on your own</i>

## Monday, 13 May: Scientific Progress & Challenges (Basic Science)

Start	End	Activities
8:00	8:30	Coffee available at the Meeting Site
8:30	8:40	Introduction to the meeting and Keynote by AIRR-C Chair Nina Luning Prak
8:40	9:30	<b>Keynote: Reddy (CH):</b> Integration of systems immunology and immune repertoires [40-min talk + 10-min Q&A] ( <i>confirmed</i> )
9:30	13:00	<b>Advances in Understanding Biological Processes of the AIRR</b> [25-min talks + 10-min Q&A] <b>Chair: Steven Kleinstein</b>
9:40	10:15	<b>Talk1 - Nicholas Schwab (DE):</b> Sex bias in MHC I-associated shaping of the adaptive immune system ( <i>interested</i> )
10:15	10:50	<b>Talk2 - Oliver Bannard (UK):</b> Dynamics of B-cell selection in germinal centers ( <i>confirmed</i> )
10:50	11:20	Coffee
11:20	11:55	<b>Talk3 - David Klatzmann (FR):</b> Tfh and Tfr repertoires ( <i>confirmed</i> )
11:55	12:30	<b>Talk4 - Tom Parks (UK):</b> Germline VH gene association with rheumatic heart disease
12:30	13:00	<b>3 Short Talks</b> selected from Poster Abstracts [3x10 minutes, no discussion]
13:00	15:00	Lunch Break + <b>Poster Session</b>
15:00	15:15	<b>Challenges in Processing and Storing Massive AIRR-Seq Data (&gt;1bn Sequences)</b> [15-min talk + 20-min discussion] <b>Chair: Uri Laserson</b>
15:15	15:50	<b>Talk1 + Discussion - Processing &amp; Annotation:</b> Shugay Mikhail: MiXCR (RU)
15:50	16:25	<b>Talk2 + Discussion - Analysis:</b> Bryan Briney Scripps (US) ( <i>confirmed</i> )
16:25	17:00	<b>Talk3 + Discussion - Data Storage &amp; Access:</b> Beijing Genome Center
17:00	19:30	<b>AIRR-Seq Tools Demos and Reception</b>

## Tuesday, 14 May: Scientific Progress & Challenges (Clinical Science and Translation)

Start	End	Activities
8:00	8:30	Coffee available at the Meeting Site
8:30	8:40	Introduction to the Keynote by AIRR-C Chair Nina Luning Prak
8:40	9:30	<b>Keynote: Lanzavecchia (CH):</b> Perspectives on humoral immune responses and immune repertoires [40-min talk + 10-min Q&A] ( <i>confirmed</i> )
9:30	13:00	<b>Advances in AIRR-seq Addressing Human Health and Disease</b> [25-min talks + 10-min Q&A] <b>Chair(s): TBD</b>
9:40	10:15	<b>Talk1 - Rachael Bashford-Rogers (UK):</b> Combined influence of B-cell receptor rearrangement and somatic hypermutation on B-cell class-switch fate in health and in chronic lymphocytic leukaemia ( <i>confirmed</i> )
10:15	10:50	<b>Talk2 - Rob Holt (CA):</b> The interface of malignant and immunologic clonal dynamics in high-grade serous ovarian cancer ( <i>confirmed</i> )
10:50	11:20	Coffee Break
11:20	11:55	<b>Talk3 - Dmitri Chudakov (RU):</b> B-cell responses to yellow fever vaccination ( <i>confirmed</i> )
11:55	12:30	<b>Talk4 - Martin Weber (DE):</b> Reappearing B cells after anti-CD20 treatment in CNS autoimmune disease
12:30	13:00	<b>3 Short Talks</b> selected from Poster Abstracts [3x10 minutes, no discussion]
13:00	14:30	Lunch Break + <b>Poster Session</b>
14:30	14:40	<b>Chair: Tania Bubela on Patient &amp; Community Engagement</b> [15-min talk + 5-min Q&A]
14:40	15:00	<b>Short Talk1:</b> Jane Kaye (UK): Dynamic Consent
15:00	15:20	<b>Short Talk2:</b> Bettina Ryll (SE): Patient-centric Clinical Research and Drug Development
15:20	15:40	<b>Short Talk3:</b> TBD

15:40	16:10	<b>Panel discussion: Identify Stakeholders</b>
16:10	16:30	<i>Coffee</i>
16:30	16:40	<b>Chair: Jean-Philippe Bürckert on Engaging Industry</b>
16:40	17:00	<b>Short Talk1:</b> Repertoire Genesis (JP) Glanville: AbGenesis (US) ( <i>confirmed</i> )
17:00	17:20	<b>Short Talk2:</b> Kirchner: Bill and Melinda Gates Foundation (US)
17:20	17:40	<b>Short Talk3:</b> Bonzanni: Enpicom (NE) ( <i>confirmed</i> )
17:40	18:30	<b>Informal Gathering with Industry Participants</b>
19:30	22:00	<i>Group Dinner</i>

### Wednesday, 15 May: AIRR-C Organisational Session

Start	End	Activities
8:30	9:00	<i>Coffee available at Meeting Site</i>
9:00	9:10	<b>Introduction to the AGM of the AIRR-Community Members</b> <b>Chairs: Nina Luning Prak &amp; Felix Breden</b>
9:10	11:10	<b>WG work plans &amp; leadership</b> Each of the 6 WGs <ol style="list-style-type: none"> <li>1. Recap proposed work plan as a motion (vote)</li> <li>2. Leadership as a motion (vote)</li> </ol> <i>[20 min each including voting!]</i>
11:10	11:30	<i>Coffee</i>
11:30	11:30	<b>AIRR-C Standing Committee plans and voting</b> <ol style="list-style-type: none"> <li>1. Recap proposed work plan as a motion (vote)</li> <li>2. Leadership as a motion (vote)</li> </ol>
11:30	11:50	Executive Committee
11:50	12:10	Meeting Committee (where & when will next meeting be held?)
12:10	12:30	Communications Committee (also ratify this as a new standing committee)
12:30	14:30	<i>Meeting adjourned &amp; Lunch on your own</i>
14:30	17:30	Standing Committee & WG wrap-up meetings