

**AIRR-Community Meeting IV Draft Agenda
11-15 May 2019**

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

Start	End	Activities
8:30	9:30	<i>Registration Open</i>
9:30	10:00	<i>Coffee & snack provided</i>
10:00	15:00	WGs meet separately <i>(Each WG will provide a separate agenda to its members)</i>
10:00	13:00	Workshop I - Fundamentals of the Immune System: Jamie Scott (CA)
10:00	13:00	Workshop II - AIRR-seq Data Processing and Analysis: Victor Greiff (NO) <i>(including AIRR-C standards for data and storage)</i>
13:00	15:30	<i>Registration Open</i>
13:00	14:00	<i>Lunch (provided for the WGs only)</i>
15:00	15:30	<i>Break</i>
15:30	15:40	Welcome by current Chair and Chair-Elect of the AIRR-C Committee of TABs Introduction to Working Group Reports on Progress, Future Plans & Leadership <i>(20-min Reports + 10-min Discussion)</i>
15:40	16:10	Software WG Report
16:10	16:40	Biological Reagents WG Report
16:40	17:10	Germline DB WG Report
17:10	18:00	Panel Discussion: Germline Databases (GLDB) WG <i>"Beyond Inferred Alleles: Improving the Quality, Scope and Openness of GLDBs through Software Inference, Open Publication and Population-level Data"</i> Chair: Christian Busse
		<i>Dinner on your own</i>

Sunday, 12 May: WG and Communication Subcommittee Progress Reports

Start	End	Activities
8:30	9:30	<i>Registration Open</i>
9:30	10:00	<i>Coffee & snack provided</i>
10:00	10:10	Introduction to Day 2 of Progress Reports <i>(20-min Report + 10-min Discussion)</i>
10:10	10:40	Data Representation WG Report
10:40	11:10	Minimal Standards WG Report
11:10	11:40	Common Repository WG Report
11:40	13:00	Panel Discussion: Common Repositories, Data Representation and Minimal Standards WGs <i>"Towards Solutions: The Benefits and Challenges of Sharing AIRR-seq Data"</i> Chairs: Christian Busse & Lindsay Cowell
13:00	14:30	<i>Registration Open</i>
13:00	14:30	<i>Lunch (on your own)</i>
14:30	14:50	Introduction to the Communications Subcommittee & Report
14:50	15:30	Discussion on Communication Subcommittee's Proposed Plans
15:30	17:30	AIRR-C Meeting Welcome Reception
16:30	18:00	AIRR-seq Tools Demos and Reception
		<i>Dinner on your own</i>

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

Start	End	Activities
8:00	8:30	Registration Open
8:00	8:30	Coffee available at the Meeting Site
8:30	8:40	Introduction to the meeting and to the Keynote by AIRR-C Chair Felix Breden
8:40	9:30	Keynote: Sai Reddy (CH): Integration of systems immunology and immune repertoires [40-min talk + 10-min Q&A] (<i>confirmed</i>)
9:30	13:00	Advances in Understanding Biological Processes of the AIRR [25-min talks + 10-min Q&A] Chair: Andrew Collins
9:40	10:15	Talk1 - Nicholas Schwab (DE): Sex bias in MHC I-associated shaping of the adaptive immune system (<i>interested</i>)
10:15	10:50	Talk2 - TBD ()
10:50	11:20	Coffee
11:20	11:55	Talk3 - David Klatzmann (FR): Tfh and Tfr repertoires (<i>confirmed</i>)
11:55	12:30	Talk4 - Tom Parks (UK): Germline VH gene association with rheumatic heart disease (<i>confirmed</i>)
12:30	13:00	3 Short Oral Presentations selected from Poster Abstracts [3x10 minutes, no discussion] Chair: Ramit Mehr
13:00	15:00	Lunch Break + Poster Session
15:00	15:15	Challenges in Processing and Storing Massive AIRR-seq Data (>1bn sequences) [15-min talk + 20-min discussion] Chair: Uri Laserson
15:15	15:50	Talk1 + Discussion - Processing & Annotation: Shugay Mikhail (CZ): TBA (<i>confirmed</i>)
15:50	16:25	Talk2 + Discussion - Analysis: Bryan Briney (US): TBA (<i>confirmed</i>)
16:25	17:00	Talk3 + Discussion - Data Storage & Access: Xiao Liu (CN): TBA (<i>confirmed</i>)
17:00	19:00	Pipeline Tutorials (registration required in advance)

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

Start	End	Activities
8:00	8:30	Registration Open
8:00	8:30	Coffee available at the Meeting Site
8:30	8:40	Introduction to the Keynote by AIRR-C Chair-Elect Nina Luning Prak
8:40	9:30	Keynote: Antonio Lanzavecchia (CH): Perspectives on humoral immune responses and immune repertoires [40-min talk + 10-min Q&A] (<i>confirmed</i>)
9:30	13:00	Advances in AIRR-seq Addressing Human Health and Disease [25-min talks + 10-min Q&A] Chair: Steven Kleinstein
9:40	10:15	Talk1 - Rachael Bashford-Rogers (UK): 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	Talk2 - Rob Holt (CA): 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	Talk3 - Dmitri Chudakov (CZ): B-cell responses to yellow fever vaccination (<i>confirmed</i>)
11:55	12:30	Talk4 - Martin Weber (DE): Reappearing B cells after anti-CD20 treatment in CNS autoimmune disease (<i>confirmed</i>)

12:30	13:00	3 Short Oral Presentations selected from Poster Abstracts [3x10 minutes, no discussion] Chair: Ramit Mehr
13:00	14:30	<i>Lunch Break + Poster Session</i>
14:30	14:40	Patient & Community Engagement <i>[15-min talk + 5-min Q&A]</i> Chair: Tania Bubela
14:40	15:00	Short Talk1: Jane Kaye (UK): Dynamic Consent (TBD)
15:00	15:20	Short Talk2: Bettina Ryll (SE): Patient-centric Clinical Research and Drug Development <i>(confirmed)</i>
15:20	15:40	Short Talk3: TBD
15:40	16:10	Panel discussion: Identify Stakeholders
16:10	16:30	<i>Coffee</i>
16:30	16:40	Engaging Industry <i>[15-min talk + 5-min Q&A]</i> Chair: Jean-Philippe Bürckert
16:40	17:00	Short Talk1: Jacob Glanville: Distributed Bio (US) <i>(confirmed)</i>
17:00	17:20	Short Talk2: Jonathan Carlson: Microsoft Research (US) <i>(confirmed)</i>
17:20	17:40	Short Talk3: Nicola Bonzanni: Enpicom (NE) <i>(confirmed)</i>
17:40	19:00	Informal Gathering with Industry Participants (posters & laptop demos) (Up to 10 including: BGI, Enpicom, Distributed Bio, BISC Global...)
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	Introduction to the AGM of the AIRR-Community Members Chair and Chair-Elect: Felix Breden & Nina Luning Prak
9:10	11:10	WG work plans & leadership Each of the 6 WGs <ul style="list-style-type: none"> 1. Recap proposed work plan as a motion (vote) 2. Leadership as a motion (vote) <i>[20 min each including voting!]</i>
11:10	11:30	<i>Coffee</i>
11:30	12:30	AIRR-C Standing Subcommittee plans and voting <ul style="list-style-type: none"> 1. Recap proposed work plan as a motion (vote) 2. Leadership as a motion (vote)
11:30	12:00	Executive Subcommittee
12:00	12:15	Meeting Subcommittee (where & when will the next meeting be held?)
12:15	12:30	Communications Subcommittee (also ratify this as a new standing committee)
12:30	14:30	<i>Meeting adjourned & Lunch on your own</i>
14:30	17:30	Standing Subcommittees & WG's wrap-up meetings