

Appendix C: AIRR-C Sub-committee (SC) and Working Group (WG) Reporting Template

Instructions. This form is to be used for AIRR-C Meeting updates. The form should be completed by SC or WG (Co)-leaders, with input from other SC or WG members, and submitted to the Chair of the AIRR-C Executive SC at least one week prior to the AIRR-C Meeting.

Current

Date of this report: April 22, 2022

SC/WG Name: Meetings Sub-committee

SC/WG Co-leaders: Encarnita Mariotti-Ferrandiz and Pam Borghardt (also Meeting Manager)

SC/WG Active Members (list):

Davide Bagnara, Justin Barton, Jean-Philippe Bürckert (resigned during the term), Ramit Mehr (resigned during the term), Corey Watson. Guest member: Jamie Scott

Purpose:

The AIRR-C Meetings Sub-committee is responsible for the initiation and planning of AIRR-C meetings.

Goals:

Plans for 2021/2022 included:

- re-Planning the AIRR Community Meeting VI to be held at Scripps Research and the La Jolla Hilton Hotel in La Jolla, California
- Meeting title: AIRR Community VI: “Exploring New Frontiers”
- Challenge Session: Engaging/integrating with other types of “Big Immunological Data” (Systems Immunology)
- Challenge Theme: Sustaining AIRR-C initiatives in the future
 - Potential topics include:
 - Improving and promoting MiAIRR standards in the publication
 - “Anchoring” AIRR-C repositories into our institutions
 - Engaging government agencies for new funding mechanisms to build and support “big data infrastructure” (e.g., IMGT)

Products (if any):

NIH grant for travel awards successful application.

8 June 2021: FOCIS 2021 Symposia Application - “**How immune repertoires can inform human immunology**”

<https://www.youtube.com/channel/UCtG0yZKjFuiFbYF5tfrAMdA/videos>

https://docs.google.com/document/d/1FTTh93RCMhngFi_JrN07LsUTTt8eROskGwvaqbBCbkE/edit

17-19 May 2022: AiRR Community Meeting VI: “Exploring New Frontiers”

<https://www.antibodysociety.org/the-airr-community/meetings/airr-community-meeting-v-zooming-in-to-the-airr-community/>

A lot of meetings since January 2021 (>50)

Meeting Minutes

Resources (if any):

Needed resources: Funding for managerial support, support for on-line services (Zoom, meeting platform), funding from travel awards.

Resources provided: Funds raised through registration fees and corporate sponsorships

Progress report on current purpose, goals, products and resources:

COVID-19 caused a lot of upheaval and uncertainty in our work.

We spent part of the first 9 months of 2021 trying to maintain the initial attempt for the AIRR-C VI meeting to be held in december 2021 at La Jolla. The date motivation was mainly for our annual meeting to be held after the Antibody and Engineering Society meeting.

The progression of the pandemic by waves led the SC to conduct a survey within the AIRR-C members to evaluate the intentions to participate. The results were clear, most of the European people were not allowed to travel to the US (unless a critical obligation) and many US based AIRR-C members were not in favor or allowed to travel either.

In october 2021, we decided to reschedule the meeting in May 2022 after renegotiating once more our contract with the La Jolla Torrey Pines Hilton Hotel. We made the decision to recommend to Executive Sub-Committee that we postpone the in-person meeting to May 2022.

Early 2021, following Jamie’s suggestion, we applied to a FOCIS 2021 symposium session (virtual), as a society member of the FOCIS thanks to our affiliation to the TABS, and with the help of Janice Reichert. Our successful application led to the planning of a 4h meeting, including 7 AIRR-C members as speakers.

FOCIS 2021 1st AIRR-C Symposium: “How immune repertoires can inform human immunology” , June 8th 2021 (Virtual)

The symposium aimed at providing basic and advanced knowledge to the FOCIS community and meeting attendees, not necessarily experts in the AIRR field but definitely with growing interest in it. We focused on providing learnings on:

- how are AIRR-seq data generated, and how they inform the biology of human immune responses.
- what to do, and not do, when studying AIRRs (wet & dry lab aspects), as well as remaining challenges.
- new tools for AIRR-seq data modeling, sharing, and storage.
- history, contributions, and initiatives of The AIRR Community (AIRR-C).

- ease to reach out the community for AIRR non-expert researchers to find partners and collaborators in this field.

The symposium gathered 89 live viewers, and further attracted 243 on-demand views. The recordings have been recovered and are progressively loaded on the AIRR-C youtube channel. The viewing and spreading continues..

AIRR Community Meeting VI: “Exploring New Frontiers”

Three days in-person sessions including the recurrent AIRR-C Working Group & Sub-committee presentations, scientific basic and biomedical sessions, poster sessions, short talks, software tool demonstrations.

For this 6th meeting, we added several new activities:

- two challenge sessions: systems immunology with invited talks and a session on Encouraging adoption and sustainability of the AIRR-C.
- A mentoring session and activity during the meeting on a voluntary based application for mentors and mentees. 14 mentors and 25 mentees applied.
- An industry meeting networking session organized as round tables to be moderated by AIRR-C WG leaders/active members and industry attendees.

The meeting has been organized with a virtual component: all the talks, tutorial and live demos will be live streamed.

Proposed plans for the coming interval:

Purpose: The AIRR-C Meetings Sub-committee is responsible for the initiation and planning of AIRR-C related meetings.

Goals:

Plans for 2022-23 include:

- Planning AIRR-C Meeting VII, to be held in spring in Europe
 - **Theme:** AIRR Community Meeting VII: TBD
 - **Challenge Theme:** TB
 - Industrial/sponsor networking events
 - Software Tool Demonstrations
 - Poster presentations
 - Workshops

Possible locations : Norway (grant application on going), Genoa (because already done and quite successful), Spain. The final decision will be made with the renewal of the meeting SC.

- Work with the AIRR Community members to host *ad hoc* meeting opportunities as they arise
- Host an AIRR-C satellite symposium at the annual FOCIS meeting in June 2023
- In collaboration with the Executive Sub-committee, potentially host an AIRR-C forum on values regarding conflict of interest, open science, FAIR data principles, diversity, equity

and inclusivity. Values statements on these topics would be developed along with their implementation within the AIRR-C.

Products (if any):

Spring 2023, AIRR-C Meeting VII

June 2023, an AIRR-C satellite symposium at the annual FOCIS meeting (potentially; needs discussion and approval)

Resources (if any):

Funding will be needed for managerial support, on-line meeting sites (e.g., Zoom & Whova) (if necessary), or for holding a face-to-face meeting for AIRR-C Meeting VII.

We expect to raise funding from registration fees and meeting sponsorship.

Proposed SC/WG Co-leaders:

Pam Borghardt and Encarnita Mariotti-Ferrandiz

Members continuing: Corey Watson and Justin Barton

This past year, several members of the Meeting Sub-committee had to resign for personal or professional reasons. We started 6 members in 2021 and finished 3 members. For the next upcoming interval, and given the planning of the meeting in Europe as well as the planning of reasonably sound number of virtual meetings, the Sub-committee calls for new members to join and reach back the necessary size of 6 members, including european based ones.

Meetings are typically bi-weekly, and ratchet up to weekly as an upcoming meeting approaches. Given the uncertainty with the pandemics but also global warming that changed the way people accept to travel, we want to maintain the virtual platforms. That means we need at least two members willing to be in charge of the virtual platform.

Altogether, we are looking for 3 willing and active members interested in helping with the planning of networking events, poster sessions, software tool demonstrations, *etc.*

List new members (if any) who are not in the Active Member list above:

We need 3 new members!! Some of our best AIRR-C members are students, postdocs! Please step up and join us in this important job!