

## **Agenda of IARC meeting 79, September 6th, 2021**

In attendance: Corey Watson, Ayelet Peres, Gur Yaari, Andrew Collins, Martin Corcoran, William Lees, Mats Ohlin

### **1. Approval of minutes of meeting 78**

Approved

### **2. TCR inference as an IARC activity and status of gene submission**

Discussion. WL updated on the status of OGRDB for the purpose of allowing for TCR submission/assessment. The pipeline is in place to submit inferences to GenBank/SRA and OGRDBs TCR submission system is being completed.

### **3. Update on allele submissions to ENA/GenBank/OGRDB**

OGRDB submission is in progress. Assessment is expected to begin at the next IARC meeting. Jamie Heather will be invited by MO to attend in preparation for assessment of TCR inferences.

### **4. Update on manuscript submitted to Genes and Immunity**

The manuscript is still under consideration with the journal

### **5. Application for funding**

Aim: Improvement of VDJbase to store, annotate, and analyse genomic data and to integrate such analysis with AIRR-seq data.

Funding for server costs added as a strategic consideration

An acronym for genomic sequence studies (en par with "AIRR-seq") should be established.

### **6. Defining process for submission of sequence sets**

Discussion. VDJbase currently records sequences as inferred by the most recent analysis in the system but it does not provide a permanent record of a sequence set. OGRDB could serve as an alternative maintainer of such sequence sets. Tasks to be defined. In addition to observed sequences, a list of alleles found in IMGT that are never seen in AIRR-seq data might be

established. Ideally automated reports of submitted sequence sets should be generated to facilitate the sequence set approval process.

## **7. Next meeting**

September 20th 2021 at 10.00 UTC