**CAPOD Funding Report**

Please complete this report and submit by email to your authorising signature from your School/Unit and **capod@st-andrews.ac.uk**

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<table>
<thead>
<tr>
<th>Event /Course Title</th>
<th>The Allen Cell Type Database: Characterization of Mouse and Human Cortical Cells</th>
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<tbody>
<tr>
<td>Date of event</td>
<td>11 November 2017</td>
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1. **Brief description of Event (50-100 words):** The Allen Cell Type Database is an open science resource that gives online access to high quality data to help scientists understand brain function and brain disorders. The Allen database is continually being updated with new studies on gene expression, neural connections, electrophysiology and cell types. This workshop introduced new capabilities of the database and gave practical examples of how to apply this data to research projects.

2. **What were the benefits of attending and what did you gain from the experience in terms of transferable skills and knowledge.** This workshop has given me a practical view on how to use the Allen Database applied to my work. My research focuses on the study of genes involved in brain development that affect language and reading. These skills are encoded in the brain cortex, a structure that is far from being understood due to its complexity and the lack of appropriate experimental models available to study its function in humans. For this reason, databases that give access to information on brain cortex are crucial for my research. This workshop has introduced me to new capabilities of the Allen database. The training provided by this course will allow me to continue exploiting the potential of this powerful tool and bring this new knowledge into my research group.

3. **What actions will you be taking as a result of attending or by making new networking contacts.** As a result of attending this workshop I will be able to use the new capabilities of the Allen database in my research project.

4. **Can you share any additional resources produced in connection with the event (e.g. feedback from participants, training resources, website links, and additional materials.**

Program of the workshop: https://www.alleninstitute.org/media/filer_public/32/9c/329ceda0-2b60-4b42-a3d9-ae1f0ec0efbe/sfn_satellite_event_agenda.pdf


5. **Tips/experience learned from the event**

I have learnt to navigate the database and got new ideas of how to apply this resource to my research project.

6. **Any additional comments or information regarding the event**