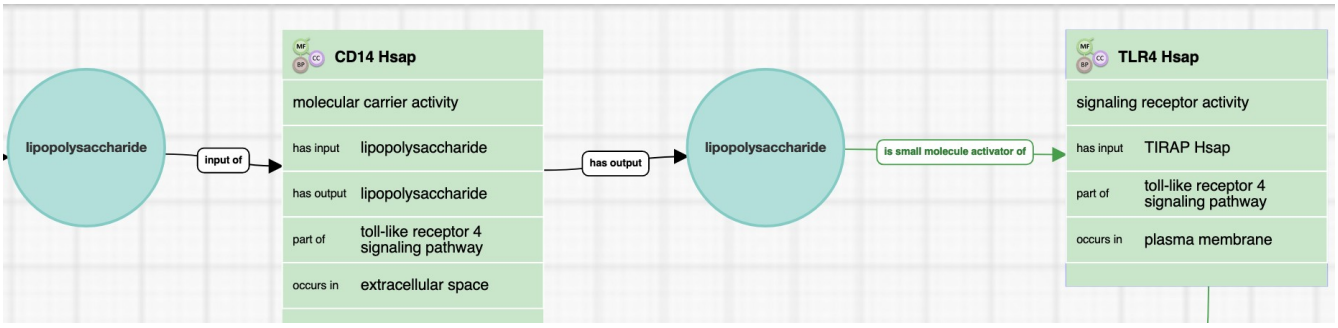
Guidelines for annotating molecular carrier activity

Pathway Editor

The activity unit for a molecular carrier is:

- **MF**: a molecular carrier 'enables' molecular carrier activity (GO:0140104) or a child
- **Context:**
    - The relation between a transported molecule and its carrier is 'has input'. The carrier and the small molecule are linked with the 'has output' relation, so that the small molecule can be the input for the next reaction.
    - **BP** 'part of' the process in the molecule using the small molecule participates, or 'part of' regulation of the process, if the carrier is regulators (rate-limiting for the execution of the process)
    - **CC**: 'occurs in' the cellular location where the activity takes place.

Example 1: LPS is carried to its receptor by CD14



Form Editor

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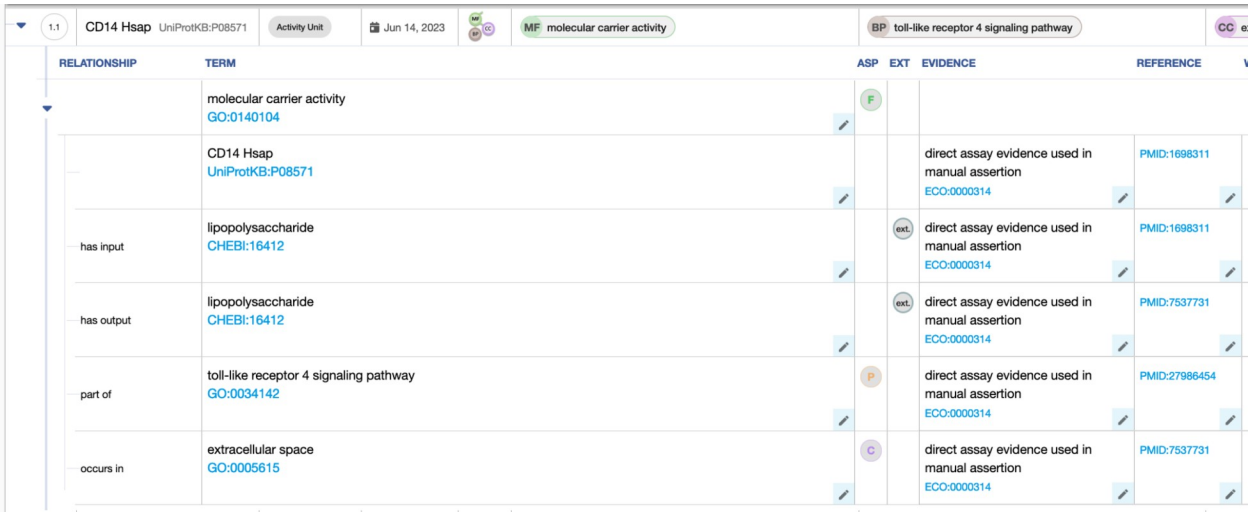

Differences between GO-CAM and standard annotation for a molecular carrier activity

The same information is captured for the carrier activity and its context; however in the standard annotations,it is not possible to capture the order of the reactions.

Review information

Review date: 2023-07-25
Reviewed by: Cristina Casals, Pasclae Gaudet, Patrick Masson