## Executive Summary

The first two years of EMIF saw high level requirements and six use cases defined, as well as our evaluation approach and our first completed evaluation of use case 3. This deliverable is a continuation of this work. WP9 have worked collaboratively with use case leads and user groups to evaluate each use case and define detailed requirements for them, as well as updating the high level requirements for the platform.

This year we began reaching out externally to the consortium to elicit the requirements of new groups of users - regulators and Contract Research Organisations (CROs) - through semi-structured interviews and demonstrations. We learnt about CROs' use of observational data, their needs and the benefits EMIF could give them. One CRO saw a demonstration of the EMIF Catalogue which was received very positively, with just a few suggestions for improvements.

Use Cases 1 - 5 were evaluated by questionnaire, as well as a review of use case 3 taking place. Although Use Case 6 was not evaluated formally by users, there was an informal evaluation of it from the data integrator's perspective with amendments made to the workflow. These resulted in some recommendations for changes to the initial implementations, and detailed requirements that WP9 will work with the developers to prioritise and implement. For instance, more advanced search functionality and content in the fingerprint browser, a workflow management tool tailored to EMIF's needs, and additional population characteristics graphs.

At the end of the first 2 years of EMIF, we have seen significant progress in all of the use cases, with some ready for closure. At this stage, the associated requirements are ready to be passed on to WP14 for further design and development. As we enter cycle 4 of the project, priority should be given to the requirements of the vertical projects (AD and Metabolic) and supporting their studies.

## Contacts

EMIF-Platform: Johan van der Lei – Nigel Hughes
j.vanderlei@erasmusmc.nl - nhughes@its.jnj.com