expanded significantly with non-UK traffic now accounting for more than 80% of all traffic. At the core of the technical development strategy is a user-centric co-innovation process that aims to understand the information seeking needs of the biomedical and health research community and align the technical developments with these.

We took this opportunity to implement significant enhancements to the underlying architecture that enabled the realisation of exploratory search not previously feasible under the pPMC-based architecture. The new capabilities provide an optimised user experience for accessing best of breed and reputable biomedical and health research content and tools.

It is still too early to evaluate the effectiveness of exploratory search support in UKPMC. To do so will require detailed quantitative and qualitative analysis of user behaviours and preferences over a longer period. The existing exploratory search facilities serve merely as a starting point to understand the challenges in enabling exploratory search in biomedical and health research. We anticipate that these developments will be supplemented with technical application programming interfaces (API) that will enable the integration of these exploratory search capabilities on external sites. The outcomes of this analysis in conjunction with insights gained from on-going engagement with the biomedical and health research community will inform subsequent refinements of the UKPMC service and its architecture.

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