The Blue Books Expert Selection App (BBEST)

Project summary: We are developing an easy-to-use, intuitive tool for editors, organizers, and any other interested scientists, to facilitate the selection of experts for scientific tasks and meetings. The tool will allow users to perform analysis of bibliometric data by author and topic, providing a scientometric analysis of the authors scientific production and allowing easy comparisons. This permits the application of a more evidence-based approach to the decisions made when selecting experts, increasing the reproducibility of the process and reducing the risk of biased expert groups.

Justification

The selection of experts for a given scientific task and in a specific biomedical field is usually performed relying on the experience and network of a small subset of renowned experts. This may produce biased outcomes due to a selection bias. However, the risk of this type of bias can be considerably reduced if selection decisions are informed by the candidates' publication records.

Vision

Use of scientometric selection criteria for the identification of experts, authors, and other contributing scientists for participation in meetings and events

Goal

To develop a bioinformatics tool that analyses bibliometric data to inform the selection of experts in the biomedical field

Target audience

Entities organizing scientific events, editorial boards, authors, project coordinators and other organizers, and anyone else who wants to compare scientific authors on the basis of scientometric variables

This project is being developed as part of an IARC-funded PhD, in partnership with the IC3R associate entity Universitat Autònoma de Barcelona. The project is led by IARC's WHO Classification of Tumours Group, with participation of Mr Ramon Cierco, Dr Iciar Indave, and Dr Ian Cree

IC3R collaboration for cancer classification