

The Collaboration Between Developers and Clinicians

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The COVID-19 pandemic further encouraged the design of multidisciplinary projects that aim to solve complex medical problems by combining expertise coming from different fields of research. Soon it became obvious how the establishment of an effective collaboration between developers/technologists and clinicians is paramount to successfully and rapidly carry out such projects, besides being mutually beneficial for both the individuals and their institutions.[1] In this talk, taking inspiration from my recent professional change (from technical to clinical research), I will present how it is possible to maximize such collaborations. In particular, I will present who are the main players involved and the timeframes to carry out the main tasks of the collaboration. Finally, I'll briefly present preliminary results of my current research project on the development of a point-of-care diagnostic device for the diagnosis of malaria in international travelers.

References

- [1] Rey-Rocha, J., López-Navarro, I. & Antonio-García, M.T. Opening doors to basic-clinical collaboration and translational research will improve researchers' performance. *Scientometrics* 105, 2057–2069 (2015).

Figures

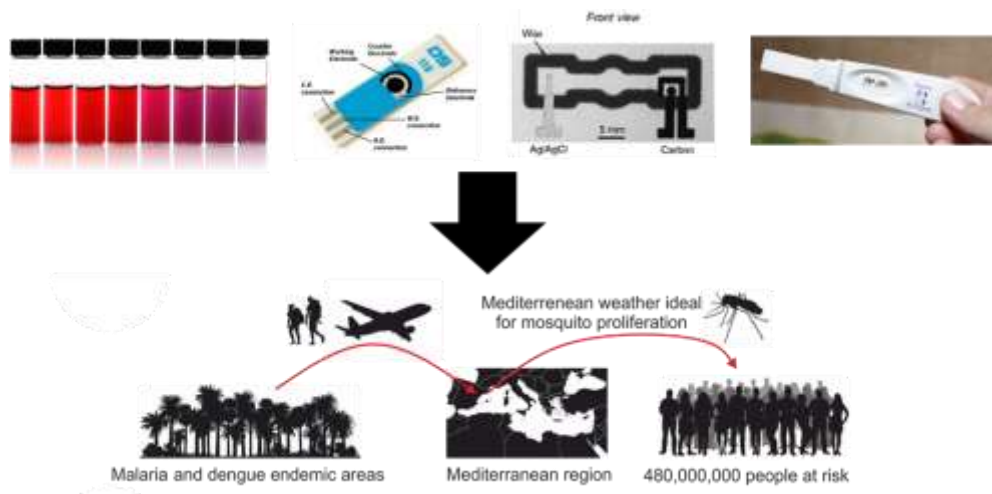


Figure 1. We will discuss why an effective collaboration between developers and clinicians is essential and how to establish it. As example, I will present my current work on the development of a point-of-care sensor for the diagnosis of malaria in international travelers.