



EUROPEAN VACCINE INITIATIVE

World Malaria Day 2014: New vaccine candidates against malaria enter clinical development

Heidelberg, 22 April 2014

European Vaccine Initiative supports international consortia in their quest for malaria vaccines

Under the coordination of the European Vaccine Initiative (EVI), sixteen projects are devoted to the acceleration of malaria vaccine development of which two novel vaccine candidates recently received ethical and regulatory approval to start clinical development. The two new vaccine candidates - called P27A and AMA1-DiCo- form part of EVI's sustained commitment to support the development of new solutions and strategies to combat malaria. Prof. Rainer Fischer, Director of the Fraunhofer Institute for Molecular Biology and Applied Ecology IME (Aachen, Germany), one of the partners in AMA1-DiCo, stresses that "effective vaccines represent a key component in the comprehensive and integrated control strategy that will be required for the ultimate eradication of malaria, and a sustained investment and innovation are absolutely critical for winning this fight."

Thanks to concerted global action, significant progress has been made in the efforts against malaria. Since the year 2000, malaria death rates amongst young children halved and more than 3.3 million lives were saved. Despite these advances, malaria continues to take an enormous toll on human health, with an estimated 207 million malaria cases and 627,000 deaths in 2012 alone.

The major objectives of AMA1-DiCo and P27A -which are technically and financially supported by EVI- are to assess the clinical safety and immunogenicity of the two vaccine candidates. Whereas AMA1 was discovered initially during investigations surrounding the role of human antibodies in naturally acquired immunity in children in different endemic populations in Africa, P27A was identified as potential novel vaccine candidate through genome mining. Under coordination by EVI, each of the projects is undertaken by an international consortium involving partners from both public and private sector from Europe, USA, and Africa.

Dr. Odile Leroy, EVI's Executive Director, says that "the development of next-generation malaria vaccines is of utmost importance for maximising the impact of other life-saving tools already in use. To sustain the progress achieved so far, funding levels must be maintained or increased. At EVI, we gratefully acknowledge the long-standing, sustained support to these and other projects by our funders, including especially Irish Aid, the Directorate General for International Cooperation at the Dutch Ministry of Foreign Affairs, the European & Developing Countries' Clinical Trials Partnership, and the German Federal Ministry of Education and Research." Results of the phase I clinical trials for both projects are expected for 2015/16.



EUROPEAN VACCINE INITIATIVE

Contact:

Stefan Jungbluth

[stefan.jungbluth\(at\)euvaccine.eu](mailto:stefan.jungbluth(at)euvaccine.eu)

+49-6221-565974

www.euvaccine.eu

About EVI:

EVI (European Malaria Vaccine Initiative, EMVI, until 2009) is a leading European non-profit Product Development Partnership that has the principal objective to develop effective, accessible, and affordable vaccines against malaria and other diseases of poverty. Since its inception in 1998 it has contributed to the development of 32 malaria vaccine candidate formulations with 16 vaccine candidates being advanced into phase I clinical trials, three of which have been transitioned for further clinical development in sub-Saharan Africa. EVI leads global efforts in the development of vaccines against diseases of poverty, while also acting as coordinator of several initiatives/consortia to create harmonisation between all global stakeholders in vaccine research. EVI is co-founder of the Malaria Vaccine Funders Group and is hosted by Heidelberg University in Germany. EVI is currently funded by Irish Aid, the European Commission, EDCTP, and the German Federal Ministry of Education and Research (BMBF).

Partners in AMA1-DiCo:

- Biomedical Primate Research Centre, NL
- Centre d'investigation clinique en vaccinologie Cochin-Pasteur, FR
- Centre National de Recherche et de Formation sur le Paludisme, BF
- Confarma, FR
- European Vaccine Initiative, DE
- Fraunhofer IME, DE
- Gregory Fryer Associates Ltd, UK
- Henogen Novasep, BE
- Infectious Diseases Research Institute, USA
- Institut national de la santé et de la recherche médicale, FR
- NNE Pharmaplan GmbH, DE
- Nova Laboratories, Ltd, UK
- Output Pharma, DE

Partners in P27A:

- ALMAC Sciences, UK
- Centre hospitalier universitaire vaudois, CH
- CiToxLAB, FR
- Gregory Fryer Associates Ltd, UK
- Ifakara Health Institute, TZ
- Infectious Diseases Research Institute, USA



EUROPEAN VACCINE INITIATIVE

- Nova Laboratories, Ltd, UK
- Output Pharma, DE
- University of Lausanne, CH
- Swiss Tropical and Public Health Institute, CH

