

MULTIDISCIPLINARY TRAINING AND COURSES



LMI Patho-Bios plays a dynamic role in the exploration of biotechnology applications from knowledge acquired on pathogens studies (production of recombinant proteins, diagnostic kits development, and vaccine production). In a near future, expertise and technologies will be transferred to cassava through collaborations within the Pan-African Surveillance Cassava Network in West Africa.

Website: www.patho-bios.com



International Joint Laboratory (LMI) Observatory of Plant Pathogens in West Africa: Biodiversity and Biosafety (Patho-Bios)



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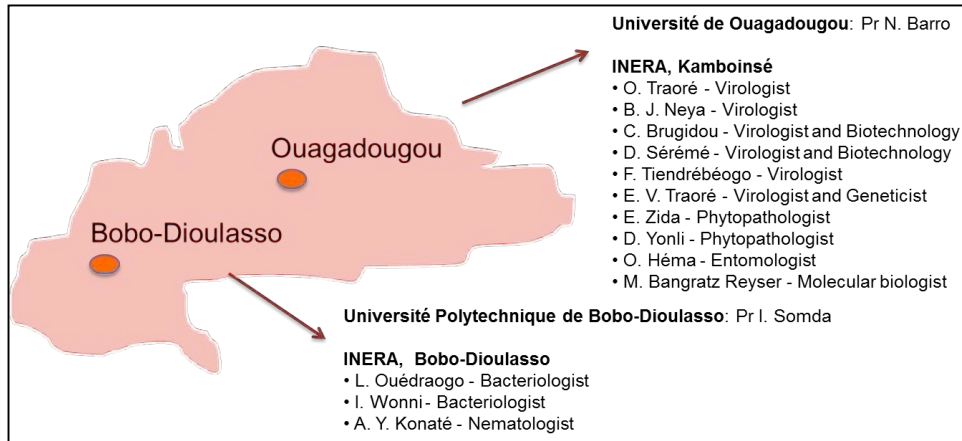


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LMI Patho-Bios network and partners in SSA OBJECTIVE

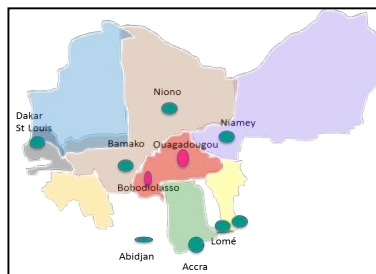
PRESENTATION

The French research institute, IRD, has developed several International Joint Laboratories (LMI) in Africa and around the world. The impetus is to collaborate with local institutions to bring in national expertise and technologies and to train young African scientists on how to use them. One of the LMI laboratories, **Patho-Bios**, opened in 2013 in Ouagadougou, Burkina Faso.



LMI Patho-Bios environment in Burkina Faso

LMI Patho-Bios has a strong regional connection with national research systems (NARS) and Universities in Sub-Saharan Africa (SSA): University of Lomé in Togo; CNRA and Universities of Cocody and Abobo-Adjamé in Côte d'Ivoire; Institut d'Economie Rurale (IER) and University of Bamako in Mali; AfricaRice in Senegal, Benin, and Tanzania; CSIR-CRI in Ghana; and the national research institute (ITRAD) in Tchad. Two LMIs (LAPSE and IESOL) and ProVeg network are also Patho-Bios partners.



To develop an observatory open platform in order to promote the emergence and the realization of new collaborative projects focused on several plant pathogens and biotechnology in West Africa through four main institutions: INERA, IRD, Université de Ouagadougou and Université Polytechnique de Bobo-Dioulasso.

5 PLATFORMS with an integrative approach

