

## **Biosecurity Principles and Dual Use research for Agriculture**

Course C03 – September 22<sup>nd</sup>, 9:00-17:00 hs.

By Dr. Alexandre Bello and Prof. Martin Lema

The mini course will provide an introduction to fundamental concepts on Biosecurity, like Dual Use, historic cases, biosecurity vs. biosafety, the role of International Organizations, theory of Biosafety Risk assessment and graded levels of protection on Biosecurity. These basics concepts will be explained in connection with particular issues of relevance for the food & agriculture sector.

On the practical side, the mini course will include two exercises. The first will be a brainstorm session on technical and policy issues, like the identification of specific threats, the harmonization of biosecurity risk management and dual use research, the impact of animals on risk, the role of governmental frameworks on plant and animal health, and capacity building plans. In addition, the final activity will be a Biosecurity Risk Assessment hands-on exercise, on a simulated dual use research situation.