

Workshop: Relationship among Food, Nutrition and Health

“Crops with enhanced nutritional value (Fe and Zn) and metabolites that have medical application (MDR Tuberculosis)”

Arequipa



Lena Gálvez

Lima



Gaston Zolla

Jorge Jiménez

Elías Huanuqueño

Trujillo



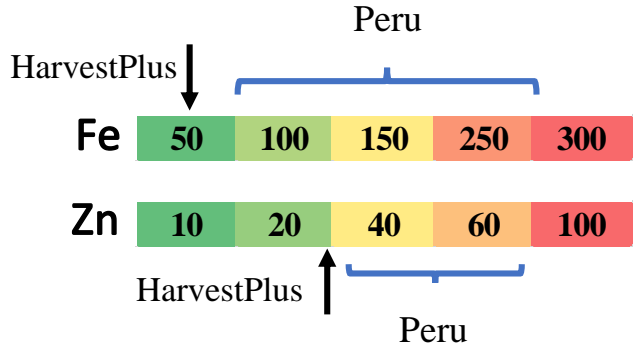
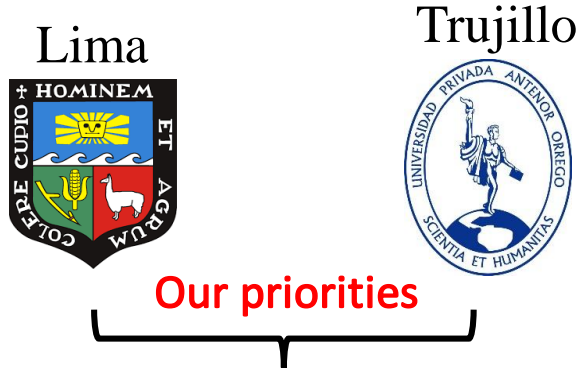
School of Medicine

Percy Asmat

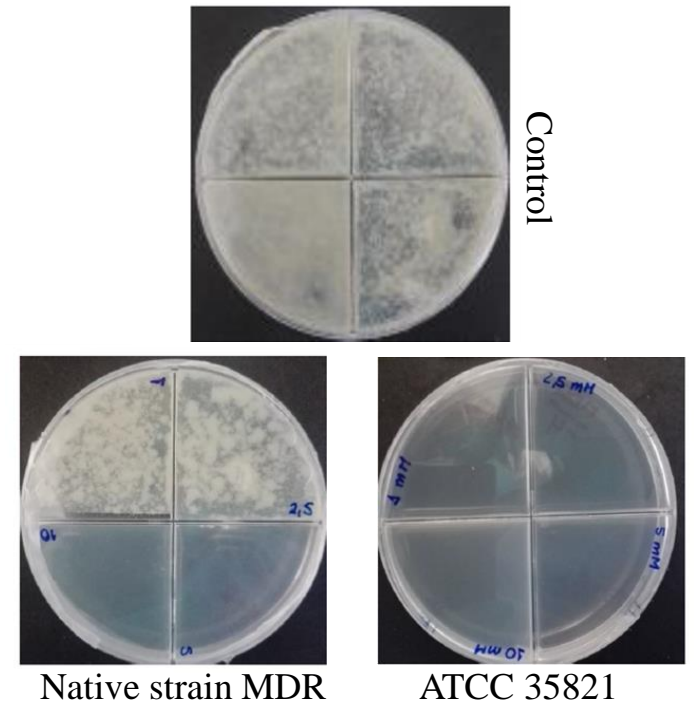
Pedro Lezama

Manuel Hidalgo

Research Interest:



A.- Novel crops with enhanced nutritional value (Fe and Zn) and metabolites that have medical application (MDR Tuberculosis).



Arequipa
Metabolomics:
Carotenoids

Enhanced crops with vitamin A to combat vitamin A deficiency (VAD) and reduce the risk of tuberculosis infection associated with VAD

DH



B.- HIV: oxidative stress associated with antiretroviral therapy

In vitro study



oxidative stress
↓
malondialdehyde (MDA) marker

Collaboration Projects:

As interdisciplinary group, we are open to any good collaboration!!!!

1.-



Drug design of quinolizidine alkaloids (QA). Because it is required to reduce QA toxicity in humans without losing their activity to control tuberculosis.



To understand the molecular mechanism of how quinolizidine alkaloids controls Tuberculosis

2.-

