

## Training Course on Mutation Induction in Coffee 3-14 October 2016



Joint FAO/IAEA Division  
of Nuclear Techniques in Food and Agriculture



The OPEC Fund for International Development  
Uniting against Poverty



VIBT  
Vienna Institute  
of BioTechnology



In the frame of a “Capacity Building program for Latin American Countries against Coffee leaf Rust” the PBU, DBT, BOKU, Vienna organized a Training course on “Mutation Induction in Coffee” from 3- 14 October 2016 in collaboration with the Plant Breeding and Genetics Subprogram, Joint FAO/IAEA Division, Vienna, Austria (financed by OPEC Fund for International development OFID).

Participants from eight coffee producing countries in Central and Southern Latin America (Costa Rica, El Salvador, Guatemala, Honduras, Jamaica, Nicaragua, Panama and Peru) were instructed on aspects of coffee tissue culture, induced mutagenesis and high throughput molecular marker technology to identify valuable mutants. Topics handled included: axenic culture establishment to micropropagation of selected cultivars, callus and suspension cultures and the induction of somatic embryogenesis as well as Mutation detection by Next Generation Sequencing.