





























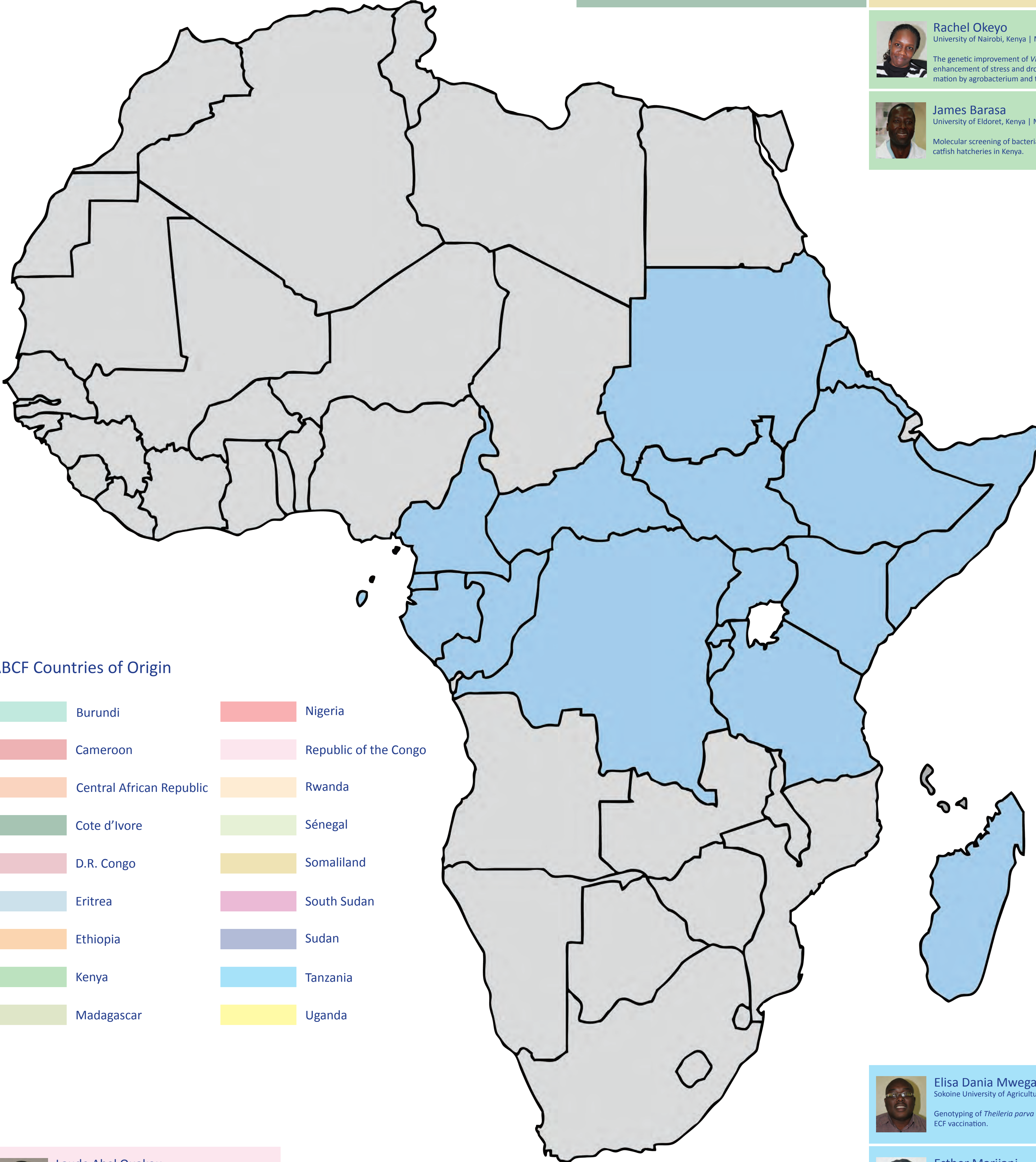














































MOBILISING SCIENCE LEADERSHIP IN AFRICA

 Felix Meutchieye University of Dschang, Cameroon Nov-Dec 2010, Aug-Oct 2011 Molecular characterisation of Cameroon indigenous goats.	 Cécile Annie Ewané African Research Centre on Bananas and Plantains Cameroon Aug-Dec 2012 Improving knowledge on diversity to enhance the conservation and promotion of bananas and plantains for food security in West and Central Africa.	 Salma Hassan Central Veterinary Research Laboratory Sudan Jan-Apr 2011 New diagnostic tools to understand the epidemiology of sheep theileriosis in northern Sudan.	 Tajelsel Idris Badri Ministry of Animal Resources and Fisheries and Ranges, Sudan Jul-Nov 2012 Development of a thermostable vaccine against Peste des petits ruminants (PPR).	 Selamawit Getachew Bedane Haramaya University, Ethiopia Jul-Oct 2011 Molecular characterisation of enset collections in some selected regions of Ethiopia using banana SSRs (in collaboration with Sisay Kidane Alemu).	 Melkamu Ayalew Seman Haramaya University, Ethiopia Jan-Jun 2013 Fumonisins, aflatoxins, and producing fungi on Maize (Zea mays L.) grain and evaluation of maize genotypes for their management in Ethiopia.						
 Christian Tiambou Keambou Université des Montagnes, Cameroon Jan-May 2012 Molecular polymorphism of phenotypes and ecotypes of Cameroon indigenous chicken (<i>gallus gallus</i>).	 Kana Jean Raphaël University of Dschang, Cameroon Sep-Dec 2012 Occurrence of aflatoxins in foods and feedstuffs: Dietary exposure and impaired animal production in Cameroon.	 Diaeldin Ahmed Salih Hassan Veterinary Research Institute, Sudan Aug-Nov 2011, Jul-Nov 2012 Genotyping of <i>Theileria parva</i> in South Sudan to support control of East Coast fever.	 Najat Ibrahim Widaa University of Nyala, Sudan Sep-Dec 2012 Genotyping of goat and sheep populations from South Darfur state.	 Sisay Kidane Alemu Ethiopian Institute of Agricultural Research, Ethiopia Jul-Oct 2011 Molecular characterisation of enset collections in some selected regions of Ethiopia using banana SSRs (in collaboration with Selamawit Getachew Bedane).	 Helen Nigusie Aychegrew Haramaya University, Ethiopia May 2013-Nov 2013 Phenotypic and genetic characterisation of indigenous sheep breeds in eastern Ethiopia.						
 Patrick Jolly Ngono Ema University of Ngaoundere, Cameroon Feb-Jun 2012 Molecular characterisation of Cameroon indigenous cattle.	 Jerome Dinga University of Buea, Cameroon Oct 2012-Mar 2013 Expression and characterisation of hypothetical proteins from <i>Theileria</i> and <i>Babesia</i> spp. and an immunodominant protein from <i>Plasmodium falciparum</i> .	 Rasha Ali Mohamed Ali Agricultural Research Corporation, Sudan Nov 2011-Feb 2012 Genotyping of BC4F1 population with SSR markers associated with striga resistance in sorghum.	 Mashaer Goda Animal Research Corporation, Sudan Oct 2012-Apr 2013 Assessment of diversity and potential of watermelon (<i>Citrullus spp.</i>) genetic resources in Sudan for food and nutritional security.	 Adey Feleke Desta Addis Ababa University, Ethiopia Feb-May 2012 Microbial diversity in an experimental tannery wastewater treatment plant in Ethiopia.	 Daget Ayana Tegegne Addis Ababa Science and Technology University, Ethiopia Jun-Dec 2013 Metagenomic microbial exploration of thermal vents and hot springs of the Ethiopian rift valley.						
 Nehemie Donfagsiteli Tchinda Institute of Medical Research and Medicinal Plants Studies Cameroon May-Oct 2012 Genetic diversity of wild and cultivated <i>Dacryodes edulis</i> (African plum) in Cameroon.	 Olivier Fokam University of Dschang, Cameroon Sep 2013-Mar 2014 Technical molecular biology as an identification tool for bush meat in the urban markets of Cameroon: stakes, challenges, and perspectives.	 Awadia M. Ali Mousa University of Khartoum, Sudan Jul-Nov 2012 Genotyping of <i>Theileria lestoquardi</i> from sheep in Sudan to support control of Malignant Ovine Theileriosis, and emerging disease.	 Yasir Hussin Gama Agricultural Research Corporation, Sudan Oct 2012-Apr 2013 Development of striga-resistant hybrid(s) from wild relatives of sorghum using the enhancement of marker assisted selection.	 Dawit Beyene Ethiopian Institute of Agricultural Research, Ethiopia Jul-Dec 2012 Viruses infecting the food crop Taro (<i>Colocasia esculenta</i> L.) in Ethiopia.	 Adane Abraham Ethiopian Institute of Agricultural Research, Ethiopia Jun-Aug 2013 Characterisation of garlic viruses in Ethiopia with RT-PCR and Illumina MSeq technology for developing diagnostic tools						
 Mame Nahé Diouf Institut Sénégalais de Recherches Agricoles/INERV, Department of Animal Production, Sénégal Aug-Nov 2011 Genetic characterisation of Senegalese N'dama cattle.	 Blaise Arnaud Hako Touko University of Dschang, Cameroon Jul-Dec 2012 Exploring disease resistance by evaluation of the genetic diversity of the major histocompatibility complex (MHC-B) in Cameroon of local chicken populations.	 Wani Loku Marcellino Ministry of Animal Resources and Fisheries, South Sudan Jul-Nov 2012 Distribution of ticks and tick-borne diseases of cattle in South Sudan, with particular emphasis on East Coast fever, an emerging disease.	 Célestine Bembi Institut Centralien de la Recherche Agronomique, Central African Republic Jul-Dec 2012 Phenotypic and molecular characterisation of local chicken populations (<i>gallus gallus</i>) in Central African Republic.	 Zelalem Fisseha Gebregziabher Addis Ababa University, Ethiopia Aug-Dec 2012 Molecular diversity of haricot bean (<i>Phaseolus vulgaris</i> L.) germplasm from Ethiopia.	 Berhanu Tadesse Ertio Ethiopian Institute of Agriculture, Ethiopia Jul-Oct 2013 Molecular characterisation of maize germplasm widely used by the Ethiopian Institute of Agricultural Research.						
											
						 Parfait Kouadio Kouakou University of Abobo Adjame, Cote d'Ivoire May-Oct 2012 Genetic diversity of the domestic cavy in Cote d'Ivoire.	 Thomas Bazarusanga Sheikh Technical Veterinary School, Somaliland Jan-Feb 2011 East coast fever investigation in Somaliland cattle.	 Rachel Okeyo University of Nairobi, Kenya May-Nov 2013 The genetic improvement of <i>Vigna unguiculata</i> (Cow Pea) for enhancement of stress and drought tolerance through transformation by agrobacterium and tissue culture.	 James Barasa University of Eldoret, Kenya May-Nov 2013 Molecular screening of bacterial microbe diversity in African catfish hatcheries in Kenya.	 Crispus Mbaluto Jomo Kenyatta University of Agriculture and Technology Kenya May-Oct 2012 Genetic diversity and phylogenetic relationship of Kenyan native edible mushroom species.	 Vincent Were Cornell University via Kenya Nov-Dec 2010, Jun-Jul 2011 Characterising aflatoxin accumulation and susceptibility factors in Kenyan smallholder farmer maize.
						 Esther Kanduma University of Nairobi, Kenya Jan-Apr 2011, Apr - Nov 2012 Understanding the genetic diversity of <i>Rhipicephalus appendiculatus</i> , the tick vector for East Coast Fever, using microsatellite markers AND Development and laboratory evaluation of a lateral flow test (LFT) for the serodiagnosis of <i>Theileria parva</i> infection in cattle.	 Irene Onyango Ministry of Livestock Development/Department of Veterinary Services, Kenya Jul-Dec 2013 Baseline study on honey bee viruses in Kenyan honey bee colonies	 Ruth Wanyera Kenya Agricultural Research Institute, Kenya Nov 2011-Aug 2012 Molecular characterisation of wheat stem rust races and Ug99 lineage in Kenya.	 Calleb Olweny Ochia Kenya Sugar Research Foundation, Kenya Jul-Dec 2013 Assessment of genetic diversity in sweet sorghum genotypes using SSR markers.	 Shelia Ommeh International Livestock Research Institute, Kenya Jan-Jul 2012 Genetic diversity and population structure of chicken populations from Lamu and Turkana regions in Kenya.	 Naman Onyango Kenya Industrial Research and Development Institute, Kenya Aug-Nov 2013 Nutrient composition of selected Kenyan native edible mushroom species
						 Eric Maina Magembe Jomo Kenyatta University of Agriculture and Technology, Kenya Mar-Sep 2012 Genetic variation and aflatoxicity analysis in <i>Aspergillus flavus</i> isolates from soils and maize kernels at pre- and post-harvest in eastern Kenya.	 Berine Awuor Moi University, Kenya Sep-Dec 2013 Nutrient composition of selected Kenyan native edible mushroom species.	 Dora Chao Kilalo University of Nairobi, Kenya Apr-Oct 2012 Validation and transfer of diagnostic tools for viruses causing passionfruit woodiness disease.	 Susan Wanderi Kenya Agricultural Research Institute, Kenya Jan-Jun 2013 Genetic diversity of amaranth.	 Grace Wanjiku Gachara Kenya Agricultural Research Institute, Kenya Sep 2012-Feb 2014 Biocontrol of aflatoxin producing fungus <i>aspergillus flavus</i> in stored maize in Kenya.	 Hannah Murage International Livestock Research Institute, Kenya Jun-Aug 2013 Molecular biology techniques to determine the nature and extent of antigenic variability in field populations of <i>Theileria parva</i> in Western Kenya.
						 Boniface Juma Walla Kenya Agricultural Research Institute, Kenya Sept 2012-Apr 2013 Genetic relationships among Kenyan napier grass (<i>penisetum purpureum schumacher</i>) germplasm using morphological and molecular methods.	 George Tinega Morara Kenya Agricultural Research Institute, Kenya Apr-Oct 2013 Molecular characterisation of <i>Salmonella</i> isolates obtained from Wambizzi abattoir in Kampala, Uganda.	 Lilian Wambua University of Nairobi, Kenya Nov 2012-Sep 2013 Genetic diversity of Malignant Catarrhal Fever viruses in Kenya.	 Everlyn Kamau Jomo Kenyatta University of Agriculture and Technology Kenya Apr-Oct 2013 Computational prediction of <i>Tpa</i> surface epitopes responsible for pathogenicity and host resistant mechanisms in Theilerial infections	 Fatuma Mzingirwa Kenya Marine and Fisheries Research Institute, Kenya Feb-May 2013 Genetic population structure of Crimson jahi fish <i>Pristigasterdes flammeatus</i> (Valenciennes, 1830) in the Southwest Indian Ocean Region; A case study of Kenya, Tanzania, and Madagascar waters.	 Isaac Macharia Kenya Plant Health Inspectorate Service Kenya Jan-Nov 2013 Distribution, characterisation, and management of tomato spotted wilt virus in Kenya.
						 Kenneth Kogo Jomo Kenyatta University of Agriculture and Technology, Kenya May 2013-Nov 2013 Characterisation of microorganisms in cattle ear responsible for producing volatile constituents attractive to <i>rhipicephalus appendiculatus</i> , a vector of East Coast fever.	 Joshua Amimo University of Nairobi, Kenya Jan-Aug 2013 Molecular epidemiology of selected enteric viruses in swine in East Africa region.	 Titus Kathurima Kabete Technical Training Institute, Kenya Apr-Oct 2013 Development and comparison of RT-PCR and LAMP molecular techniques for detection of cassava brown streat virus.	 Charles Masembe Makerere University, Uganda Nov-Dec 2010, Jun-Jul 2011 Pig diseases and food security: Next-generation DNA sequencing of African swine fever virus(ASF) in Uganda.	 Benson Onyango Chepkoilel University College, Kenya Apr-Oct 2013 Evaluation of the genetic diversity and symbiotic efficiency of bacteria which modulate with soybeans (Glycine max Merr.) and Bambara groundnuts (<i>Vigna subterranza</i> L. (Verdc)) in the drier parts of the Lake Victoria basin.	 Bombom Alexander Jr. Makerere University, Uganda Sep-Dec 2011, Feb-Jun 2012, Jul-Sep 2012, Nov 2012-May 2013 Development and characterisation of maize x sorghum hybrids
						 Hashim M. Mangosongo University of Dar es Salaam, Tanzania Jan-Apr 2012 The genetic diversity of wild rice (<i>Oryza longistaminata</i>) in selected areas of Tanzania.	 Harriet Angwech Gulu University Uganda Mar-Aug 2012 Molecular epidemiology and characterisation of trypanosome infections of domestic livestock in the post conflict districts of Arunru and Nwoya, northern Uganda.	 Gladness Elibariki University of Dar es Salaam, Tanzania Jan-Apr, May-Jul 2012 Protecting Tanzanian cassava landraces against Cassava Mosaic Disease using RNA interference technology.	 Robert Opiro Gulu University, Uganda Mar-Aug 2012 The characterisation of trypanosome infections in tsetse flies in the post-conflict West Nile districts of Adjumani and Moyo, Uganda.	 Geoffrey Kawube Gulu University, Uganda Sep 2012-Apr 2013 Determining the genetic diversity of napier grass in Uganda.	 Benius Tukahirwa National Crops Resources Research Institute, Uganda Apr-Oct 2012 Characterising type III secretion system (TTSS) genes implicated in hypersensitive response (HR) induction and pathogenicity of <i>Xanthomonas campestris</i> pv. <i>Muscaecorum</i>).
						 Juma Hussein University of Dar es Salaam, Tanzania Sep-Dec 2013 Bioprospecting of leaf litter and soil based sprophytic wild edible mushrooms from selected indigenous forests in Tanzania.	 Abubaker Muwonge National Crops Resources Research Institute, Uganda Jul-Oct 2013 Defense related genes expression in transgenic banana plants expressing hrp and ptp1 following inoculation with pathogenic <i>Xanthomonas campestris muscaecorum</i> .	 Ibrahim Juma University of Dar es Salaam, Tanzania Sep-Dec 2013 Bioprospecting of wood-based saprophytic edible mushrooms from selected indigenous forest, Tanzania.	 Hellen Apio National Crops Resources Research Institute, Uganda Jun-Sep 2013 Genetic transformation of Ugandan farmer preferred cassava cultivars for virus resistance.	 Angelique Ingabire Rwanda Agriculture Board, Rwanda Dec 2013 - June 2014 African Swine Fever: Epidemiology and control in Rwanda.	 Fredrick Kabi National Livestock Resources Research Institute, Uganda Aug-Dec 2012 Population genetics of <i>Theileria Parva</i> in the different agro-ecological zones of Uganda.
						 Joseph Ndunguru Mikocheni Agricultural Research Institute, Tanzania Dec, 2010 Molecular characterisation of a wide set of cassava brown streak virus (CBSV) isolates.	 Christopher Mukasa Almahu Bello University, Nigeria Jun-Nov 2012 Harnessing genetic diversity for conservation, resistance to disease, and improving productivity of goats in Uganda and Nigeria.				