



INTERNATIONAL
FOUNDATION FOR
SCIENCE



**2012/2013 3rd Africa-wide YPOs in Science Competition:
"Feeding 1 billion in Africa in a changing world"
YPOs**

| No | Title | First Name | Surname | Country | Organisation |
|-------------------------|---|---------------------|----------------------------|--------------|---|
| Top 10 Finalists | | | | | |
| 1 | Introducing heat-tolerant genes into exotic chicken for improved egg production under hot and humid environments | Julius Kofi | Hagan | Ghana | Department of Animal Science, School of Agriculture, University of Cape Coast, Cape Coast, Ghana. |
| 2 | Mapping of QTL conferring resistance to Ethiopian stem rust races of <i>Puccinia graminis</i> f. sp. tritici and stem rust resistance genes in durum wheat (<i>Triticum durum</i> Desf.) | Jemanesh Kifetew | Haile | Ethiopia | Ethiopian institute of Agricultural Research (EIAR) |
| 3 | Landscape-scale management of Invasive <i>Cymbopogon afronardus</i> (Stapf) in the rangelands of Uganda | Stella | Kabiri | Uganda | Wageningen University and Research Center |
| 4 | Biotechnology at the Crossroads: An Empirical Analysis of Tissue Culture Banana Adoption and Impacts in Kenya | Nassul Ssentamu | Kabunga | Uganda | International Food Policy Research Institute |
| 5 | Valorisation des déchets solides urbains à Lomé : approche méthodologique pour une production durable du compost <i>Recovery of urban solid waste in Lomé: methodological approach towards sustainable compost production</i> | Kimi Edem | Koedzi | Togo | Université de Lomé |
| 6 | Enhancing pig productivity in Lake Victoria crescent zone: the effect of genotype and post-weaning diet | Donald Rugira | Kugonza | Uganda | Makerere University |
| 7 | Development of drought tolerant transgenic bean lines using an improved gene transformation system | Kingdom | Kwapata | Malawi | Lilongwe University of Agriculture and Natural Resources |
| 8 | Amélioration de la production et de l'utilisation de la farine de taro pour la préparation de la boule au Cameroun et au Tchad <i>Improving the production of taro flour for the preparation of paste in Cameroon and Chad</i> | Richard Marcel | Nguimbou | Cameroon | ENSAI-UNIVERSITE DE NGAOUNDERE |
| 9 | Market-assisted selection for improvement of high and early root productivity in cassava (<i>manihot esculenta</i> Crantz). | Bunmi | Olasanmi | Nigeria | DEPT. OF AGRONOMY, UNIVERSITY OF IBADAN |
| 10 | Poultry litter as alternative feed resource for beef cattle In Eritrea | Tekeste Abraham | Tewoldebrhan Brikti Melles | Eritrea | Bee Happy Solutions |
| Reserves | | | | | |
| 11 | Introduction d'équipement à bases d'énergie renouvelable en vue de la réduction de l'impact environnemental des activités rémunératrices en milieu rural au Burkina Faso | Wendkuuni Florentin | Compaore | Burkina Faso | LABORATOIRE NATIONAL DE SANTE PUBLIQUE |
| 12 | Effect of egg yolk in semen extender, pH and cooling methods on chilled bovine semen characteristics | Divine Ngwa | Tarla | Cameroon | Ministry of Livestock, Fisheries and Animal Industries |