



ICGEB-BecA-QUT Workshop
“Bridging the Gap between Agriculture and Human Health”
19 - 22 September, Cape Town, South Africa

Organiser:

Prof. M. Iqbal Parker ([ICGEB Cape Town](#), South Africa)

Co-organisers:

Dr. Appolinaire Djikeng ([BecA-ILRI Hub](#), Nairobi, Kenya)

Prof. Sagadevan G. Mundree ([Queensland University of Technology](#), Brisbane, Australia)

Venue:

Southern Sun Newlands, Main Road, Newlands, Cape Town, South Africa, 7700

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Saturday 17th September 2016 Arrival of participants (Whole day)	
Sunday 18th September 2016 Arrival of participants (Whole day)	
Welcome reception/mixer/ice breaker (18:00 – 20:00) Venue: Restaurant	
Monday 19th September 2016	
07:00 – 08:00	BREAKFAST
08:00 – 08:30	REGISTRATION
Opening session (Chair: Appolinaire Djikeng)	
08:30 – 09:00	Welcome remarks: Iqbal Parker Workshop objectives: Appolinaire Djikeng
09:00 – 10:30	Theme 01: Global trends in food systems (Chair: Appolinaire Djikeng) Keynote lecture <u>Title:</u> Agriculture, Food and Human Health: Opportunities and Challenges <u>Speaker:</u> John McDermott, Director, <i>CRP A4NH, IFPRI, Washington, DC, USA</i> Keynote lecture <u>Title:</u> Foods for health (genetics, health and technologies) <u>Speaker:</u> Lee Ann Murphy, VP, <i>NuEats Food Innovation, Manitoba Agri-Health Research Network (MAHRN), Canada</i>
10:30 – 11:00	COFFEE BREAK



11:00 – 13:00	<p>Theme 02: Crops improvement (Chair: Sagadevan G. Mundree)</p> <p>Keynote lecture <u>Title:</u> xxxx <u>Speaker:</u> Jill Farell, University of Cape Town, South Africa</p> <p>Keynote lecture <u>Title:</u> xxxx <u>Speaker:</u> Abhimanyu Sarkar, John Innes Center, UK</p> <p>Short presentation <u>Title:</u> <u>Presenter:</u> Participant 01, Institute, Country</p>
13:00 – 14:00	LUNCH
14:00 – 15:30	<p>Theme 03: Livestock production and food systems (Chair: TBD)</p> <p>Keynote lecture <u>Title:</u> Animal source foods (ASF) and human health <u>Speaker:</u> Jimmy Smith, International Livestock Research Institute, Nairobi, Kenya (tbc)</p> <p>Keynote lecture <u>Title:</u> A national livestock production and human health (tbc) <u>Speaker:</u> TBI, ARC, South Africa (tbc)</p>
15:30 – 16:00	COFFEE BREAK
16:00 – 17:30	<p>Panel discussion: Regional Policy environment: Challenges and lessons (Chair: Ben Durham, DST, South Africa) <u>Panelists:</u></p> <ul style="list-style-type: none">• Lindiwe Sibanda (FANPARN) (tbc)• Mario Pennisi• Matthew Morrel• Shashi Wele
17:00	CLOSE



Tuesday 20th September 2016	
07:00 – 09:00	BREAKFAST
09:00 – 10:30	<p>Theme 04: Biofortification for improved human nutrition (Chair: TBD)</p> <p>Keynote lecture: <u>Title:</u> Biofortifying Bananas for Pro-vitamin A and Iron <u>Speaker:</u> James Dale, <i>QUT, Australia</i></p> <p>Keynote lecture: <u>Title:</u> Biofortification of Millet for Iron and Zinc <u>Speaker:</u> Ashish Wele, <i>Nirmal Seeds, India</i></p>
10:30 – 11:00	COFFEE BREAK
11:00 – 13:00	<p>Theme 05: Health related traits (Chair: Iqbal Parker)</p> <p>Keynote lecture <u>Title:</u> Development of Barley Max <u>Speaker:</u> Matthew Morell, IRRI, Philippines</p> <p>Keynote lecture <u>Title:</u> Bioactive compounds in wheat, barley, sorghum targeted at obesity, cardiovascular diseases, diabetes and cancer (grains based functional foods) <u>Speaker:</u> Trust Beta, University of Manitoba, Canada</p> <p>Short presentation <u>Title:</u> <u>Presenter:</u> Participant 02, Institute, Country</p>
13:00 – 14:00	LUNCH
14:00 – 15:30	<p>Theme 06: Protein Highways (Chair: Lee Ann Murphy)</p> <p>Keynote lecture <u>Title:</u> Meeting the demand for tropical pulses <u>Speaker:</u> Sagadevan G. Mundree, QUT, Australia</p> <p>Keynote lecture <u>Title:</u> Alternative livestock system and other sources of proteins <u>Speaker:</u> TBI, (tbc)</p>
15:30 – 16:00	COFFEE BREAK
16:00 – 17:30	<p>Panel discussion: Understanding of science and demystifying the link between agriculture and health (Chair: Appolinaire Djikeng) <u>Panelists:</u></p> <ul style="list-style-type: none"> • DST South Africa follow up by Iqbal • Ashish Wele, Nirmal Seeds • Xxxx,
17:00	Close



Wednesday 21st September 2016	
07:00 – 09:00	BREAKFAST
09:00 – 10:30	<p>Theme 06: Biopharming (Chair: Simon Potter, Genome Canada)</p> <p>Keynote lecture: <u>Title:</u> Plant-based biopharmaceuticals <u>Speaker:</u> Henry Daniel, University of Pennsylvania, USA</p> <p>Keynote lecture: <u>Title:</u> Alternative strategies for biopharming <u>Speaker:</u> Shashi Kumar, ICGEB, New Delhi, India</p>
10:30 – 11:00	COFFEE BREAK
11:00 – 13:00	<p>Theme 07: Technology Platforms and Capacity Building (Chair: Felix Dakora, UCT, South Africa)</p> <p>Keynote lecture <u>Title:</u> Genome Canada’s Initiatives <u>Speaker:</u> Simon Potter, Genome Canada</p> <p>Keynote lecture <u>Title:</u> Building local bioscience capacity in Africa <u>Speaker:</u> Appolinaire Djikeng, BecA-ILRI Hub, Nairobi, Kenya</p> <p>Short presentation <u>Title:</u> <u>Presenter:</u> Participant 03 (ABCF fellow), Institute, Country</p>
13:00 – 14:00	LUNCH
14:00 – 15:30	<p>Theme 08: Food, Feed and Bioproducts (Chair: Lindiwe Sibanda)</p> <p>Keynote lecture <u>Title:</u> Plant-Soil Interface <u>Speaker:</u> Felix Dakaro, UCT, Cape Town, South Africa</p> <p>Keynote lecture <u>Title:</u> Value-added products from agricultural waste <u>Speaker:</u> Mario Pennisi, LSQ, Australia</p>
15:30 – 16:00	COFFEE BREAK
16:00 – 17:30	<p>Panel discussion: Stewardship from Lab to field (Moderator: James Dales) <u>Panelists:</u></p> <ul style="list-style-type: none"> • Matthew Morell • Henry Daniel • Jimmy Smith
17:00	CLOSE



Thursday 22 nd September 2016	
07:00 – 09:00	BREAKFAST
09:00 – 10:30	Theme 06: Agriculture and Nutrition: Future trends, emerging opportunities and challenges (Chair: TBC) Representatives (people and organizations): BMGF, FAO, CTA, DFID, EU, USAID, ACIAR, CGIAR
10:30 – 11:00	COFFEE BREAK
11:00 – 13:00	Feedback Sessions by All Chairs 10 speakers with 3-5 slides presentations including: <ul style="list-style-type: none">• Key points from presentations and discussions• Key challenges and opportunities• Way forward
13:00 – 14:00	LUNCH
14:00 – 16:00	Free Time Wrap up meeting of the core organizing team