

DAY 1: TUESDAY 21 MAY 2019

SESSION 1: Plenary Welcome		Parallel Pitching Session
09:00-09:05	Opening and welcome address by CSIR Dr Thulani Dlamini	
09:10-09:15	Welcome remarks by DST DDG: Mr Daan du Toit	
09:20-09:25	Welcome remarks by GOF Ambassador Mr Kari Alanko	
09:30-09:35	Welcome remarks by SADC Ms Anneline Morgan	
09:40-09:45	Welcome remarks by NEPAD Dr Tichaona Mangwende	
09:45-10:00	SANBio in the last 5 years Dr Ereck Chakauya	
10:00-10:15	BioFISA II Programme Achievements and lessons Ms Zvikomborero Tangawamira	
SESSION 1.1A: Keynote Speaker		
10:45-10:55	GROUP PHOTO	
10:55-11:10	TEA AND NETWORKING	
SESSION 2A: Discussion Panels Session		
11:10-11:20	Reflections on supporting innovation in health and nutrition over the past 10 years MFA	
11:25-12:20	<p>SUCCESSES AND FAILURES IN COMMERCIALISING RESEARCH: from spin-offs to commercial partnerships</p> <p>This session showcases seed and flagship projects supported by NEPAD SANBio through the BioFISA II Programme and explores various models of commercialising research outputs. The panel will share lessons learnt and discuss what worked and what did not work, particularly focusing on 3 models of commercialising research, i.e, spin-offs, licensing technologies to private companies and direct commercialisation by the universities. The panel consisting of private companies, researchers and NGOs will discuss the following:</p> <ul style="list-style-type: none"> • What are the critical factors contributing to a successful tech transfer for spin-offs, etc.? • What leads to failure in private-public relationships? • Is there an optimal model for private sector to work with universities, research institutes, NGOs? • Should universities be commercialising research outputs directly? • Who should drive the commercialisation process? • Team dynamics and composition – what works and what doesn't work? <p>The output of this session includes:</p> <ul style="list-style-type: none"> • Models to consider when institutions develop their research commercialisation strategies 	10:00-13:00 STUDENTS AND INNOVATIONS
12:20-12:30	<p>SPOTLIGHT 1: What's happening in the regulatory framework in health?</p> <p>The regulatory framework in Africa is fragmented and at times poses a challenge for commercialising health innovations. This presentation sheds light on the key changes in the South African regulatory framework in the health sector, particularly focusing on the following:</p> <ul style="list-style-type: none"> • Processes to follow for medical devices • Processes to follow for nutraceuticals • Processes to follow for any products with health claims 	
SESSION 2B: Bottlenecks in the commercialisation process		
12:35-13:35	<p>This session explores the challenges faced by seed and flagship projects during the commercialisation process. The panel consist of companies and institutions taking various technologies to markets who will share practical experiences on issues that can make or break the business pathways during the commercialisation process. The panel will focus on the following:</p> <ul style="list-style-type: none"> • What are the critical issues to consider for the regulatory framework when commercialising health or nutrition products in the region? • IP – who does it belong to when commercialising in a consortium? • What are the quality standards to consider when commercialising products in health and nutrition? • Can research institutions be a bottleneck in the commercialisation process? What should they do to advance spin-offs? • What are the challenges in collaborating at regional level when a product is near to market? <p>The output of this session includes:</p> <ul style="list-style-type: none"> • Pitfalls to look out for and methods of addressing these during the commercialisation process 	BREAK
13:35-14:15	BUFFET LUNCH ON THE DECK	
14:15-14:25	<p>SPOTLIGHT 2: What's happening in global health research?</p> <p>Reports from international bodies such as the WHO and other UN Agencies have called for research on particular interventions and entire health systems across the globe. Several funders have or are channelling money to different areas of interventions and the support of technology development in these areas. This presentation sheds light on:</p> <ul style="list-style-type: none"> • What are the global research priorities? • What are the key priorities research areas at continental and regional level? • Which institutions are working to support these research priorities? 	
SESSION 3A: PANEL DISCUSSION: Health innovation in Africa		
14:30-15:30	<p>Africa has a proud history of health and medical innovation. From the first heart transplant by Dr Chris Barnard to the invention of the CT scanner by Allan Cormack, which won him the 1979 Nobel Prize for Medicine. Africa continues this proud tradition today and some of the most interesting medical and health technology products and services are emerging from this continent. Recently, a jacket that diagnoses pneumonia 4 times faster than doctors was invented in Uganda and a touchscreen heart monitor has recently been developed in Cameroon. On a continent rich with talent and an abundance of health-related challenges worth solving, the future of African health and medical innovation looks bright. This panel will discuss this future with people working on the front lines of medical and health innovation in Africa.</p>	
15:30-15:45	TEA AND NETWORKING	
15:50-16:00	<p>SPOTLIGHT 3: What's happening in global nutrition research?</p> <p>The African continent faces the problem of combatting malnutrition in its various forms: undernutrition and micronutrient deficiencies as well as overweight and obesity. The scale and nature of these problems differ across countries and their populations on the continent. Latest data from the United Nations indicate worrying trends in African food and nutrition insecurity that must be tackled. Innovation has the potential to find sustainable solutions for African food systems relating to the complex interplay of issues spanning health, nutrition, agriculture, climate change, ecology and human behaviour. This presentation sheds light on:</p> <ul style="list-style-type: none"> • What are the global research priorities? • What are the key priorities research areas at continental and regional level? • Which institutions are working to support these research priorities? 	13:30-17:00 REGISTERED BUSINESSES
SESSION 3B: PANEL DISCUSSION: Food Innovation in Africa		
16:00-17:00	<p>Africa is rich in natural resources of plant species, coupled to indigenous knowledge held by local and indigenous communities, which has been useful to stimulate scientific research, innovation and business in food and health. Despite the richness of the plant species on the African continent and the availability of R&D data at universities, the continent is struggling to unlock its potential to address pressing issues in food. A coherent strategy to tackle food and nutrition insecurity is urgently needed and a panel of individuals drawn from government, researchers, private sector and farmers will discuss these and other issues including:</p> <ul style="list-style-type: none"> • How is food innovation defined in the context of the African continent? • How we can utilise any neglected (or forgotten) food crops, to transform the future of Africa's food and nutrition • What are the funding modalities available on the African continent to stimulate food innovation? • How can farming for indigenous food crops be a viable business? • Is access to land by especially the youth and women a precursor to food innovation? <p>The output of the session includes:</p> <ul style="list-style-type: none"> • A clear definition of what food innovation is for African and practical models that can be adopted by the continent for food innovation and to contribute to SDGs. 	
17:00-17:15	<p>DAY 1 SUMMARY</p> <p>Day 1 summary SANBio Node/SC member</p>	
SPEED NETWORKING AND EVENING SESSION		
17:30-19:30	<p>Speed networking and snacks Programme & Entertainment</p>	

DAY 2: WEDNESDAY 22 MAY 2019

SESSION 1A: Pitching competition finale	
09:00-09:05	Remarks by Tanja Lubbers, Regional Director for Hivos Southern Africa
09:10-10:00	Pitching competition finale- top 4 from Day 1 to present Facilitator – HIVOS
SESSION 1B: PANEL DISCUSSION: Enhancing the entrepreneurship landscape in the SADC region	
10:10-11:00	<p>The session explores the different mechanisms and role players in supporting entrepreneurship focused on women and youth in the SADC Region. The panel consists of hubs, incubators, regional ecosystem support partners and representatives from women and youth who will discuss how to enhance the entrepreneurship landscape in the SADC Region. The panel discussion includes:</p> <ul style="list-style-type: none"> • What are the current support mechanisms for female and youth entrepreneur, should these be different from what is provided for men and if so, why? • What future enabling mechanisms can be implemented to support emerging female and youth entrepreneurs? • Should we be promoting gender based programmes or enhance the entrepreneurship landscape in its totality? • How can they leverage and work with existing networks? <p>The output from this session includes:</p> <ul style="list-style-type: none"> • A better understanding of what is needed to enhance the entrepreneurship landscape in the SADC Region
11:00-11:15	TEA AND NETWORKING
11:20-11:30	<p>SPOTLIGHT 4: Insights on VC and private equity funding and crowd funding</p> <p>There are several fundraising channels now available to start-ups and companies. This presentation sheds light on VC, private equity and crowd funding. What's available in Africa and how can enterprises access it?</p>
SESSION 2A: Fundraising for start-up companies	
11:35-12:25	<p>Securing adequate funding is a key requirement for growth of any type of business. But for many startups, the acquisition of funds that helps them build their company is an immense challenge. Most business startups usually begin with high hopes and create at least some kind of traction with investors. However, a wrong decision can either make or break any business startup venture. If you don't know where to start or if you're trailing down the incorrect path it's likely you will not be raising the necessary funds, and you will be wasting your time. In Southern Africa there are various options for securing capital from impact investors, crowdfunding opportunities or angel investors. Today in the marketplace it is easier to raise funds than ever before but what are the barriers, the needs and opportunities around raising capital, for early stage companies, and are these barriers different for men and women?</p>
12:30-12:40	SPOTLIGHT 5: Marketing for bio-businesses in the 21st century
SESSION 2B: SCALING A BUSINESS: Challenges and pitfalls to look out for in Health & Nutrition	
12:45-13:35	<p>Growth is the key to the success of any start-up, but the best businesspeople know that following a path of careful, calculated growth is smarter than pursuing expansion you can't handle. Knowing this, there are a number of issues both seemingly small and unexpectedly complex to consider. This session explores the challenges and pitfalls in scaling a health and/or nutrition related business. The panel consists of international companies in health, companies dealing with nutrition and foods, a livestock vaccine company as well as a national development finance institution will discuss some of the key challenges and pitfalls to look out for including the following:</p> <ul style="list-style-type: none"> • What should be considered when moving from a prototype to pilot scale? • What should be considered when moving from pilot scale to full commercialisation? • How can one build an over R100 million in a few years in the biosciences space? • What should be avoided when scaling a business? • How can one be supported to scale businesses in this environment? <p>The output of the session includes:</p> <ul style="list-style-type: none"> • The dos and don'ts in scaling a business.
13:35-14:20	BUFFET LUNCH ON THE DECK
SESSION 3A: CLOSING	
14:30-16:00	<p>This session is forward looking and engages with key SANBio stakeholders who have or are collaborating with the Network to address a key question – SANBio in 5 years, what's next? Each of the stakeholders will provide a synthesis of where they think SANBio should go and the focus for SANBio in the next 5 years, considering the notable changes in the operational model of SANBio and the business environment regionally and at continental level.</p>
16:00-17:00	<p>TEA AND NETWORKING Matchmaking / Networking corner (Investors with any interested person)</p>