

SOUTH AFRICAN DELEGATION

INTERNATIONAL BIO CONVENTION 2018

Boston 04 - 07 June 2018



Inspiring new ways



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SUMMARY OF SOUTH AFRICAN DELEGATION

Local Government

Minister Mmamoloko Kubayi-Ngubane	Minister; Department of Science and Technology (DST)
Mr Mmboneni Muofhe	Deputy Director General of Technology Innovation; Department of Science and Technology (DST)
Ms Glaudina Loots	Director: Health Innovation; Department of Science and Technology (DST)
Amb Sadick Jaffer	Chief Director: Investment Promotion; Department of Trade and Industry (the dti)
Ms Rashmee Ragaven	Director: Investment Promotion; Department of Trade and Industry (the dti)
Ms Amukelani Rikhotso	Assistant Director: Investment Promotion; Department of Trade and Industry (the dti)
Mr Marumo Nkomo	Director-Legal: International Trade and Investment; Department of Trade and Industry (the dti)
Ms Nomonde Maimela	Executive Manager: Innovation and Creativity; Companies and Intellectual Property Commission (CIPC)
Prof Richard Gordon	Executive Director; South African Medical Research Council (SAMRC)
Ms Rizwana Mia	Program Manager: Precision Medicine & SAMRC Genomics Centre; South African Medical Research Council (SAMRC)
Mr Babalo Ntlebi	Project Manager: Strategic Health Innovation Partnerships (SHIP); South African Medical Research Council (SAMRC)
Mr Sihle Mabhida	PhD Intern; South African Medical Research Council (SAMRC)
Ms Sarusha Pillay	Acting Executive: Innovation Enabling Support; Technology Innovation Agency (TIA)
Ms Mpho Mamabolo	Portfolio Manager: STA Health; Technology Innovation Agency (TIA)

International Public Officials

Mr Gavin du Preez	Consul (Political & Economic); Consulate General of South Africa, New York
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Biotech Associations

Dr Siya Ntutela	Chief Executive Officer; AfricaBio
Ms Charlotte De La Harpe	General Manager: Communications and Stakeholder Relations; AfricaBio
Amb Dr Konji Sebati	Chief Executive Officer; Innovative Pharmaceutical Association South Africa (IPASA)

Industry, Products and/or Services

Ms Angela Conway	Chief Executive Officer; ACRO
Mr Ashley Pearce	Managing Director; Adcock Ingram, South Africa
Dr Nic Duneas	Chief Executive Officer; Altis Biologics
Dr Tsepo L. Tsekoa	Founding Scientist; CapeBio & Research Group Leader: Biomanufacturing, CSIR Biosciences
Dr Lusisizwe Kwezi	Senior Researcher: Biomanufacturing Technologies; Council for Scientific and Industrial Research & Founding Scientist, CapeBio
Prof Musa Mhlanga	Research Group Leader; Council for Scientific and Industrial Research and Institute for Molecular Medicine, South Africa; Honorary Professor, University of Cape Town; Visiting Faculty/Scientist, Harvard University, Chan School of Public Health
Prof Maritha Kotze	Medical Scientist; Stellenbosch University and National Health Laboratory Service; Non-executive Director: Gknowmix (Pty) Ltd
Prof Tulio de Oliveira	Director; KZN Research Innovation and Sequencing Platform (KRISP)
Mr Sibusiso Mdlalose	Director: Business Development & Client Relations; LT Clinical Research (Pty) Ltd
Dr Charlotte Scholtz	Chief Executive Officer; Toka Bio (Pty) Ltd, South Africa
Dr Nhlanhla Msomi	Chief Executive Officer; MSQ Health Group & President; AfricaBio
Mr Glen Sullivan	Managing Director; MSQ Pharma
Mr Jonathon Reid	Executive Director; MSQ Diagnostics
Ms Yolanda Kubeka	Marketing Coordinator: MSQ Health Group
Prof Anne Grobler	Director: DST/NWU Preclinical Drug Development Platform; CEO of HANKS TB Diagnostics and Pheroid Cluster Incubator
Mr Tyron Grant	Partner; Spoor & Fisher
Ms Chyreene Truluck	Patent Attorney; Spoor & Fisher
Dr Joanne Van Harmelen	Biotech Cluster Lead; Patent Attorney; ENSafrica

Project Co-ordinator

Dr Judy Coates	Independent Consultant
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DELEGATION BIOGRAPHIES

Local Public Officials



Minister Mmamoloko Kubayi-Ngubane Minister; Department of Science and Technology (DST)

Mmamoloko Kubayi-Ngubane, currently serving as the Minister of Science and Technology, has a long history of activism and commitment to the democratic project in South Africa. She formerly served as the Minister of Energy before being redeployed to the Ministry of Communications. Over the years, she has served on various committees, and prior to her appointment to the national executive, served as the Chairperson of the Portfolio Committee on Telecommunications and Postal Services. Kubayi-Ngubane served in the Provincial Executive Committee of the ANC Youth League in Gauteng and has worked in various non-governmental organisations as well as the private sector. She holds a Bachelor of Arts degree from Vista University and a Master's degree from the University of the Witwatersrand. She is a loving mother and wife, and a committed activist grounded in the traditions and aspirations of the African National Congress.



Mr Mmboneni Muofhe;
Deputy Director General of Technology Innovation; Department of Science and Technology (DST)

Mr. Mmboneni Muofhe is the Deputy Director-General (DDG) for Technology Innovation at the Department of Science and Technology in South Africa. He was previously DDG for International Cooperation and Resources and has held several positions at the Department, including being Chief Director: International Resources, Director: Strategic Partnerships and Director: Global Projects. During this period he oversaw South Africa's growing participation in EU Research Funding programmes, led the mobilization of Official Development Assistance funds to support South Africa science system and the Department's partnership with Multinational Companies. Mr Muofhe's earlier working and post-graduate years were mainly in agricultural biotechnology.

He was a UNESCO Biotechnology Fellow at the Agricultural Research Council in 1997 before joining the Foundation for Research Development (now National Research Foundation) as Coordinator and then Manager for Technology and Human Resource for Industry Programme (THRIP).

Mr Muofhe's current responsibilities include the implementation of South Africa's Bioeconomy Strategy which aims to utilise South Africa's rich biodiversity, specialised skills base and global partnerships to address health, agriculture and industrial and environmental challenges thereby improving the livelihood of citizens and stimulating economic growth. He is also a non-Executive Director of Biovac (a partly state-owned vaccine manufacturing company) and The Innovation Hub (the first Science and Technology Park in Africa to be accredited by the International Association of Science Parks).

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Ms Glaudina Loots Director: Health Innovation;
Department of Science and Technology (DST)

Glaudina Loots is the Director for Health Innovation at the Department of Science and Technology in South Africa; Glaudina is responsible for the implementation of the Health components of the recently launched Bioeconomy strategy for South Africa, and concentrates on enabling research and innovation that leads to discovery and evaluation of new drug and treatment regimes, the development of new vaccines and new robust diagnostics for the identified diseases or conditions, as well as the development of medical devices.

The range of research activities that Glaudina encourages as part of her portfolio include the interrogation of indigenous knowledge, basic molecular science and genetics, chemistry and biochemistry, biotechnology, nanotechnology, nuclear physics, ICT, manufacturing processes and engineering.

Email: Glaudina.Loots@dst.gov.za



Amb Sadick Jaffer Chief Director: Investment Promotion; Department
of Trade and Industry (dti)

Amb. Sadick Jaffer is the Chief Director: Investment Promotion in Investment South Africa, a division within the Department of Trade and Industry, South Africa. He has extensive experience in the public sector having served as a senior member of the civil service since 1996.

From 2011 to 2015, he served as South Africa's Ambassador to Kingdom of Saudi Arabia.

Prior to the posting as Ambassador, he served as the Chief Director: Investment Promotion and Facilitation of Trade and Investment South Africa, a division of the Department of Trade and Industry from 2005. Amb. Jaffer also served as the Chief Director: Economic Policy, Planning and Research in the Department of Finance and Economic Affairs, Gauteng Province from 2002 to 2005. Amb. Jaffer also served as Director: Economic Development Services in the Department of Economic Affairs and Tourism, Northern Cape Province from 1996 to 2001.



Ms Rashmee Ragaven Director: Investment Promotion; Department
of Trade and Industry (the dti)

Ms Rashmee Ragaven is the Director at the Department of Trade and Industry, Investment Promotion unit within Invest SA. Ms Ragaven is responsible for the Advanced Manufacturing industry which includes Pharmaceuticals, Composites, Aerospace and Defence, ICT and Electronics amongst other things. Ms Ragaven is responsible for attracting foreign direct investment (FDI) and local direct investment into South Africa in the Advanced Manufacturing Industry; assisting existing companies with the expansion of investment in South Africa; Packaging, marketing and promoting South African Advanced Manufacturing investment projects; facilitating projects and hand holding the investor whilst navigating through the different structures of government. She is also very knowledgeable about the Incentive programmes of the Department in her previous role as Strategic Partnerships and Customer Care.

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Ms Amukelani Rikhotso Assistant Director: Advanced Manufacturing;
Department of Trade and Industry (the dti)

Amukelani Rikhotso is an Assistant Director at the Department of Trade and Industry, Investment Promotion unit. Ms Rikhotso is responsible for the Advanced Manufacturing industry which includes Pharmaceuticals, Composites, Aerospace and Defence, ICT and Electronics amongst other things. Ms Rikhotso is responsible for recruiting foreign direct investment (FDI) and local direct investment into South Africa in the Advanced Manufacturing Industry; assisting existing companies with the expansion of investment in South Africa; Packaging, marketing and promoting South African Advanced Manufacturing investment projects; conduct research measures to assist with Risk Management and Due Diligence; Stakeholder Management; and Customer Relations management.

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Mr Marumo Nkomo Director-Legal: International Trade and Investment; Department of Trade and Industry (the dti)

Marumo Nkomo currently serves as Director-Legal: International Trade and Investment within the International Trade and Economic Development (ITED) Division at the the dti in South Africa.

He holds an LLB degree from the University of Wales (UK) and two Masters degrees. The first, being an LLM in international trade and investment law from the Centre for Human Rights which is a joint centre of the University of Pretoria and University of the Western Cape (South Africa); while the other is a Master of International Law and Economics from the World Trade Institute in Berne (Switzerland).

While Marumo still holds an adjunct role at the University of Cape Town (UCT) law faculty; he has worked there on a full-time basis. During his full-time tenure at UCT he taught and conducted research in fields such as intellectual property, international trade and regional integration in Africa. While at UCT Marumo also served as the Southern African representative on the Executive Committee to the African Network of International Economic Law and Editor in Chief of the SADC Law Journal. Marumo has also worked in leading law firms in South Africa and Asia as well as several inter-governmental organizations including the World Trade Organisation, the United Nations High Commissioner for Refugees and the United Nations Development Programme.

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Ms Nomonde Maimela Executive Manager: Innovation and Creativity; Companies and Intellectual Property Commission (CIPC)

Nomonde Maimela is the Executive Manager: Innovation and Creativity at Companies and Intellectual Property Commission (CIPC). In this position, she provides leadership in the area of Patents, Designs, Copyright and Indigenous Knowledge Systems. Her duties include Promoting the protection and commercialization of Innovations in key sectors of the economy; Protecting South Africa's cultural heritage and supporting a strong competitive South African creative industry that provides benefit for local artists; and Promoting broader participation through Education and Awareness initiatives.

In the past, she worked for the Department of Trade and Industry as Chief Director: Economic Development, later she became the Chief Executive Officer of the then Board on Tariffs and Trade (BTT) and transformed it to the International Trade Administration Commission (ITAC) and was appointed as the 1st Chief Commissioner of the same. She led a team in charge of Import and Export Control, Trade Remedies (Anti-dumping) and Tariff investigations. Before joining government, she worked for International companies like Philips Business Electronics as their marketing manager and BP Southern Africa (Pty) Ltd. She holds a Masters of Business Administration (MBA) and a BCom degree from the University of the North-West. She also completed a Senior Executive Programme at Harvard. She served as a board member of Export Credit Insurance Corporation (ECIC).

Email: NMaimela@cipc.co.za



Professor Richard Gordon Executive Director; South African Medical Research Council (SAMRC)

Richard is the Executive Director of the Grants, Innovation and Product Development groups at the South African Medical Research Council (SAMRC) which includes the revolutionary Strategic Health Innovation Partnerships (SHIP) unit focusing on product development. The unit manages more than 200 grants ranging from small independent research awards to major international programs seeking to develop new drugs vaccines and medical devices. The majority of the SAMRC programs focus on the main communicable and non communicable diseases of the continent.

Richard has held a number of international positions and specializes in establishing international research partnerships. These range from drug discovery (target discovery, high throughput screening, medicinal chemistry, ADMET and pharmacology for a wide range of therapeutic areas), medical devices and vaccines. Richard completed his PhD at the University of Cape Town and his post doctoral fellowship at the University of Cambridge. He is also an extraordinary Professor at the South African North-West University

The South African Medical Research Council (SAMRC) was established in 1969 with the aim to deliver on a mandate to promote the improvement of the health and the quality of life of the population of our country through research, development and technology transfer. The scope of the SAMRC's research includes basic laboratory investigations, clinical research and public health studies. Research at the SAMRC focuses on the top ten causes of mortality in South Africa and includes TB, HIV, burden of disease, chronic diseases, alcohol and drug abuse, and women's health.

Prior to his time at the MRC, Richard spend two years at the Technology Innovation Agency as a Senior Investment Case Specialist and 10 years at BioFocus, a UK based pharmaceutical drug discovery Contract Research Organisation where he moved from the bench to the Global Head of Business Development and marketing.

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Ms Rizwana Mia Program Manager: Precision Medicine & The SAMRC Genomics Centre; South African Medical Research Council (SAMRC)

The South African Medical Research Council (SAMRC) is a world class science council with a global footprint. It conducts and funds cutting edge medical research and is ranked as being the largest providers of health research funding in Africa. The organisation is strategically at the helm to inform who to fund and where to fund, and welcomes partnerships with other organisations and funders to address the health burden of Southern Africa.

Rizwana Mia joined the SAMRC in February 2015 and currently serves as a Program Manager within the SHIP/GIPD team. She is responsible for building a precision medicine project portfolio focusing on non-communicable diseases. She is also responsible for setting up and establishing the SAMRC Genomics Centre in collaboration with The Beijing Genomics Institute (BGI). Prior to her appointment she served at the Technology Innovation Agency (TIA) for 8 and half years. Rizwana has a strong genetics and product development background. She began her career when she was recruited by the TIA to establish a local start-up company called the Institute of Diagnostics Research. She spent 4 years establishing a facility, developing and producing monoclonal antibodies in-vitro. After gaining a Postgraduate in Business Administration, She served as a Senior Investment Specialist focusing on building the TIA Health Innovation portfolio in the area of Vaccines and Biologicals. Rizwana has gained significant experience in the South African National System of Innovation. She served as interim project manager on the Western Cape Regional Innovation Forum to devise a roadmap for a regional innovation framework. Furthermore, she has played an instrumental role in conceptualizing and establishing the South African Precision Medicine Think Tank and has contributed significantly to key biotechnology strategies. Rizwana continues to strive toward enabling new initiatives in South Africa and is currently focused on driving the precision medicine program and establishing key partnerships for South Africa.

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Mr Babalo Ntlebi; Project Manager: Strategic Health Innovation Partnerships (SHIP); South African Medical Research Council (SAMRC)

Babalo Ntlebi joined the SAMRC: Strategic Health Innovation Partnerships Unit in April 2016 and currently serves as a Project Manager.

Babalo hold a Btech in Project Management.

Babalo's main functions as a Project Manager at SHIP includes managing a portfolio of numerous projects in different fields such as Precision Medicine, NCD, to the development of mobile Apps that are looking at aiding the health burden of Africa. Babalo also assists in the identification of innovative new health-related projects that address the health burden of Africa.

Babalo is a young gentleman who is eager to learn and gain as much knowledge as he can in the innovation space.

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Mr Sihle Mabhida PhD Intern; South African Medical Research Council (SAMRC)

Sihle is a PhD intern at the South African Medical Research Council (SAMRC), under the Biomedical Research and Innovation Platform (BRIP) unit which focuses on advancing life through understanding disease pathology and drug discovery. The vision of the SAMRC is directed at building a healthy nation through research and innovation whilst giving opportunities to people from different backgrounds. At the BRIP department our research is driven towards eliminating the burden of non-communicable diseases such as diabetes mellitus and cardiovascular diseases, so as to improve the quality of life.

Sihle, evidently, has produced three publications from his BSc (Hons) and Master's work, with 2 more research articles currently in progress. Here, he studied the protective potential of compounds extracted from medicinal plants, native to Southern Africa, against diabetes and its comorbidities. In addition, Sihle has been tasked with the responsibilities of co-supervising a BSc (Hons) group and organizing several academic seminars. His commit to research led to him being one of the few selected to attend workshops hosted by NOVARTIS, a global healthcare company based in Switzerland.

Prior to his time at the SAMRC, Sihle did his undergraduate and postgraduate studies at the University of Zululand, where he obtained a cum laude for his MSc project. His current research focus is on formulating a pharmacogenomic data base for sociodemographic groups in South Africa through Precision medicine.

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Ms Sarusha Pillay Acting Executive: Innovation Enabling Support; Technology Innovation Agency (TIA)

Sarusha Pillay is the Acting Executive: Innovation Enabling Support (IES) at TIA. A national public entity that serves as the key institutional intervention, to bridge the innovation chasm between research and development from higher education institutions, science councils, public entities, and private sector, and commercialisation.

Her career spans over 14 years within the pharmaceutical industry (private-sector) and the investment/funding environment (public-sector). Within the latter, focus areas include technology start-up funding (investment identification, sourcing, appraisal, life cycle management) as well as investment support and interventions for turnaround.

More recently her career has intensified to establish, maintain and expand Technology Innovation Clusters; focusing on seeding and stimulating sectors of National Priority for emerging industries as well as existing industries that require revitalisation or those that will economically benefit the country from expansion and growth interventions.

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Ms Mpho Mamabolo Portfolio Manager: STA Health; Technology Innovation Agency (TIA)

Mpho is a Portfolio Manager in the Health Strategic Technology Area at the Technology Innovation Agency (TIA). She is responsible for sourcing quality applications with innovative health solutions, evaluating applications for funding eligibility; preparing projects for funding decisions; facilitating contracting of approved deals; continuous monitoring and review of funded projects; interacting with stakeholders, follow-on funders and other role players in the South African National System of Innovation.

She previously worked as a research scientist at the Agricultural Research Council (ARC), Council for Scientific and Industrial Research (CSIR) and at the National Institute for Communicable Diseases (NICD). Mpho holds a Masters degree in Veterinary Science and is in the process of concluding her PhD studies in Microbiology with the University of Pretoria.

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International Public Officials



Mr Gavin Du Preez Consul (Political & Economic); Consulate General of South Africa, New York

Gavin du Preez is a South African diplomat, currently serving as a Consul (Political & Economic) at the South African Consulate General in New York, working in the Economic Section and focusing on inward investment to South Africa. In addition, he is also responsible for various portfolios according to government mandate. The South African Consulate General in New York has fifteen (15) US states, on the Eastern Seaboard, under its jurisdiction.

He has a Bachelor of Arts Honours degree in International Politics, a Bachelor of Science degree in Information Technology from the North-West University, and he is currently pursuing his Bachelor of Commerce degree in Economics.

Prior to New York, Gavin served in West Africa from 2010 to 2014 and was accredited to Senegal, The Gambia and Cape Verde. During the course of his diplomatic career, he also served on Bilateral Desks which included Armenia, Belarus, China, Georgia, Moldova, Russian Federation and Ukraine. In addition, Gavin worked with the IBSA Dialogue Forum (India, Brazil, South Africa) and subsequently the BRICS formation (Brazil, Russia, India, China, South Africa).

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Biotech Associations



Dr Siya Ntutela Chief Executive Officer; AfricaBio (Non-profit Company)

Dr Siyabulela (Siya) Ntutela graduated with a PhD in Pharmacology from the University of Cape Town, focussing on drug discovery and medicinal chemistry.

Siya is currently the CEO of AfricaBio. He also founded and manages the following companies: Zanalytix Laboratories, a contract analytical services company offering post-importation testing in pharmaceutical industry and Intini Research & Consulting, a biotech consulting firm. Prior to establishing Zanalytix, Siya served in a number of high profile positions, such as CEO of iThemba Pharmaceuticals, Senior GM – Operations at the Technology Innovation Agency, COO of PlantBio Innovation Centre and Deputy Director at the National Department of Science & Technology.

Siya has an extensive experience in innovation management, agricultural, pharmaceutical industry and biotechnology sector in South Africa. Dr Ntutela worked with a number of start-up companies, assisting them to develop and commercialise their innovations. He also provides strategy consulting to the biotech and pharmaceutical industry.

Siya serves in expert advisory roles to a number of institutions such as the Department of Science & Technology, National Research Foundation and the Gauteng Provincial Department of Economic Development and Council for Scientific & Industrial Research (CSIR) through his consulting entity, Intini Research & Consulting (Pty) Ltd.

He has served in a number of Boards of start-up companies in South Africa.

Email: siya@afribio.com



Ms Charlotte De La Harpe General Manager:
Communications and Stakeholder Relations; AfricaBio and Project
Manager: BIO Africa Convention

Charlotte De La Harpe has over 20 years industry experience, and is a knowledgeable communications, branding and strategic consulting specialist with a passion for communications. De la Harpe holds a post-graduate Diploma in Engineering Business Management as well as certificates in Human Resource Management and Public Relations Management. De la Harpe is a registered Chartered Public Relations Practitioner and a member of the Public Relations Institute of South Africa.

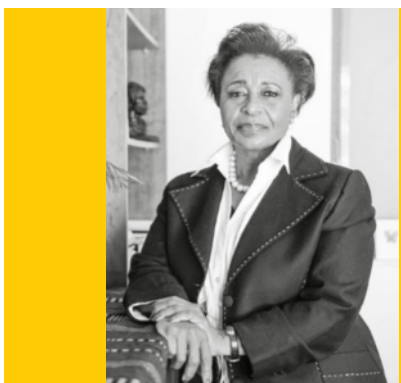
She is currently AfricaBio's General Manager: Stakeholder Relations and Communications responsible for stakeholder engagement, communications, marketing and media management. Furthermore her role as Project Manager for BIO Africa Convention sees her being responsible for the overall management and success of the inaugural BIO Africa Convention taking place August 2018.

Prior to establishing her own creative communications consultancy De la Harpe worked as the Communications Manager at Transet, the largest freight logistics chain in South Africa for over a decade and it was here that she garnered a broad education in full-spectrum media planning including publicity, events and strategic communications. She has also worked with Maria Ramos the then, Group Chief Executive of Transnet as a strategic communications advisor.

In servicing a variety of clientele operating in varying business arenas De la Harpe has attained a thorough understanding of business operations. She has successfully managed internal and external communications strategies. In addition to this De la Harpe has managed many successful media strategies involving media manipulation, strategic image building and reputation management. She also possesses a natural flair for branding and brand development, having been involved in the conception and evolution of successful brand strategies and campaigns. De la Harpe's overwhelming entrepreneurial spirit and hands-on approach to her work ensures that every project she embarks on is strategically conceptualised and thoroughly executed delivering exceptional service to meet, if not exceed, client's expectations.

She is also a current board member of the Attention Deficit and Hyperactivity Support Group of South (ADHASA) and C&R Printing Works.

Email: charlotte@afribio.com



Ambassador (Dr) Konji Sebati Chief Executive Officer; Innovative
Pharmaceutical Association South Africa (IPASA), South Africa

The CEO of IPASA, the Innovative Pharmaceutical Association of South Africa; Konji has over 25 years' experience in the Public and Private sector.

She is a Medical Practitioner by training, with a Bachelor of Science degree from the University of the North (now University of Limpopo), an MBChB degree from University of Nairobi/Kenyatta Hospital, Kenya, a Diploma in Child Health from the College of Medicine, South Africa, and a Diploma in Public Health Planning and Health Services Management from the University of Witwatersrand.

Konji served as a Medical Officer in Paediatrics and Child Health for several years before managing 21 Primary Health Care clinics in peri-urban and rural Odi-District, Pretoria. She commissioned a 200-bed hospital, Odi Hospital, Ga- Rankuwa, and served as the Hospital Administrator.

She joined the private sector working for the innovative pharmaceutical industry, first with Roche as Medical Advisor and then with Pfizer Pharmaceuticals as a senior Executive in Medical and Corporate Affairs, in South Africa and at the Pfizer Headquarters New York.

In 2004 she was appointed South Africa's Ambassador to Switzerland, The Vatican and Liechtenstein, and in 2008 was appointed Ambassador to France, UNESCO and the OECD.

She worked as an International Civil Servant working for a United Nations Agency, WIPO, the World Intellectual Property Organisation, based in Geneva. She was appointed a senior Director heading the Department of Traditional Knowledge and Global Challenges.

The Traditional Knowledge Division was responsible for facilitating text-based negotiations with WIPO Member States, for the protection and promotion of Traditional Knowledge, Traditional

Cultural Expressions and Genetic Resources. The Global Challenges Division was addressing the interconnectedness between Innovation and Intellectual Property; and because solutions from innovation driven initiatives are feasible, her Department worked in particular on global health, climate change and food security, the three challenges mostly facing developing countries.

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Industry, Products and/or Services



Ms Angela Conway Chief Executive Officer; ACRO (Pty) LTD

With years of experience gained across all business areas and numerous industries, Angela has uniquely placed herself to be able to operate strategically and operationally within the Clinical Research Arena. After completing the National Diploma in Hotel Management, Angela went on to complete a Bcom degree with honours in Industrial Psychology. This was followed by a Bcom (Hons) in Finance, where after Angela sat her Board exams and qualified as a CA (SA). Angela also has a Postgraduate Diploma in Drafting and Interpretation of Contracts.

Angela has, over the years completed several additional training courses including intensive leadership training at Eli Lilly SA (Pty) Ltd, Emotional Intelligence courses, Employment equity, Labour, Tax and Corporate Governance updates. Lifelong learning is one of her key beliefs and training and development is encouraged at all levels of the organisation. Angela has represented Eli Lilly at IMSA and ACRO at PIASA, both key Industry organisations. Angela was active on a task team at Endeavor SA, identifying and refining the process for talent management in organisations and was recently requested to present on talent management for up and coming entrepreneurs.

Angela started her career in Hotel Management where she gained valuable experience in all aspects of business, whether financial, legal or customer focused. Thereafter, Angela started her career in the pharmaceutical industry, joining Beecham SA Ltd in the HR department. This was followed by a position as HR Administrator at African Shipping Ltd- Isando. Angela joined Eli Lilly SA (Pty) Ltd in 1993, where she performed positions as HR Administrator, Benefits Administrator, Financial Accounts Manager, Financial Analyst and Business Development

When Batswadi Pharmaceuticals SA (Pty) Ltd was established in January 2006, Angela joined as Chief Financial Officer responsible for HR, Finance, Operations and Corporate Governance. She was directly and solely responsible for setting up the company and offices, as well as establishing contracts, policies and systems. In 2007, when ACRO was formed, Angela once again assumed this responsibility, as well as the responsibility for establishing a legal entity in Kenya. Angela has gained experience in the areas of strategic management, risk management, legal, treasury, corporate governance, HR, Finance, cash management and supply chain management. Angela joined ACRO permanently in November 2008 as Chief Operations Officer thereafter assuming the role of Chief Executive Officer. Being able to operate both strategically and operationally, as well as being able to balance both the employees' and organisation's needs effectively has contributed to Angela's success in the key role of Chief Executive Officer at ACRO. With this experience and focus, Angela is ideally positioned to take ACRO to the next level.

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Mr Ashley Pearce Managing Director; Adcock Ingram, South Africa

Ashley Pearce is the current Managing Director of Adcock Ingram Pharmaceuticals, the second largest Pharmaceutical Company in South Africa. He has over 30 years' experience in manufacturing, R&D, Sales and Marketing and Business Development in South Africa, Europe and the USA. He was the Managing Director for MSD SA, Schering Plough SA and Pharmacia SA as well as the former President of the Pharmaceutical Industry Association of South Africa

Ashley qualified as a Pharmacist from Wits in 1984 and holds a B Comm Degree (awarded Cum Laude) majoring in Economics and Marketing from the University of South Africa

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Dr Nic Duneas CEO; Altis Biologics

Nicolaas Duneas is founder and CEO of Altis Biologics, a biotechnology company focused on tissue engineering and regenerative medicine of bone. Nic became involved in bone tissue engineering research in 1993, and co-discovered combination-osteogenesis during his PhD work which led to a number of publications reporting on novel growth factor combinations that can induce rapid regeneration of bone defects. Nic founded Altis Biologics in 2002 in South Africa, winning an important Innovation Fund award for the undertaking of human clinical studies on Altis' flagship commercial product, Osteogenic Bone Matrix (OBM). A number of international patents have been granted to Altis for OBM. Nic was the director of the Center for Tissue Engineering of the Tshwane University of Technology for seven years, in which period he supervised a number of academic works focused on bone tissue engineering. Nic also holds a post as lecturer at the University of Witwatersrand Oral Medicine and Periodontology department, where he supervises PhD candidates. He has been selected as an Endeavor entrepreneur, and the company has won a number of awards including the Innovation Prize for Africa (2014), the National Science Technology Forum award, and the Africa SMME award.

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Dr Tsepo L. Tsekoa Founding Scientist; CapeBio & Research Group Leader: Biomanufacturing, CSIR Biosciences

Tsepo Tsekoa is a Research Group Leader for Biomanufacturing Technology Demonstration at CSIR Biosciences and the founding scientist of CapeBio. He was trained at the University of London, University of Cape Town (UCT) and University of the Western Cape and is qualified at doctoral level in Applied Biotechnology (PhD). Dr Tsekoa completed his postdoctoral training at UCT's IDM prior to joining CSIR Biosciences in 2007. His R&D focus can be explained as translation of bio-based manufacturing technologies (processes and products) to mature, tangible outcomes in industrial, veterinary and human health market segments, spanning technology readiness levels (TRLs) between 3 to 6. At the same time Tsepo continues to pursue an applied research program in the combined fields of applied biochemistry, enzymology and structural biology, and their application to biomanufacturing problems.

Recently, Tsepo has become passionate about driving the realisation and future growth of an exciting startup opportunity from his CSIR work, CapeBio. CapeBio's main focus is to manufacture and market molecular biology reagents and tools for local and global markets.

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Dr Lulisizwe Kwezi Senior Researcher: Biomanufacturing Technologies; Council for Scientific and Industrial Research & Founding Scientist, CapeBio

Dr Lulisizwe Kwezi is a senior Researcher in the Bioscience's unit of the CSIR and a founding scientist of CapeBio.

His research interests include cost-effective production of biologics. This is achieved through the use of different expression platforms including biopharming and bacteria. Dr Kwezi's focus is in developing and demonstrating commercially viable biomanufacturing processes for market relevant recombinant biopharmaceuticals, reagent antibodies and enzymes for biotechnology and life science research. His other duties include project and resource management, aligned to the Bioscience's and overall CSIR strategic objectives. This is in addition to knowledge generation, dissemination and human capital development, through the training of post-graduate students.

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Prof Musa Mhlanga Research Group Leader; Council for Scientific and Industrial Research and Institute for Molecular Medicine, South Africa; Honorary Professor, University of Cape Town; Visiting Faculty/Scientist, Harvard University, Chan School of Public Health

Musa M. Mhlanga (USA citizen), American-born male cell biologist, holds a PhD in cell biology & molecular genetics from New York University School of Medicine (2003). He began his PhD at the Rockefeller University in the laboratory of David Ho where he worked on spectral genotyping of human alleles. He then went on to work on the development of in vitro and in vivo applications of molecular beacons for their use in visualizing RNA in living cells with Fred Russell Kramer and Sanjay Tyagi at New York University School of Medicine. Upon completion of his doctoral work he was awarded a U.S. National Science Foundation post-doctoral fellowship at the Institut Pasteur in Paris, France to work in the laboratory of nuclear cell biology. There he worked on RNA transport and single molecule visualization and tracking of RNA in living cells. In late 2008 he moved his lab to South Africa to join the Council of Scientific and Industrial Research as the Research Leader of the Synthetic Biology Emerging Research Area. He heads the Laboratory for Gene Expression & Biophysics and holds a joint appointment to the Institute of Molecular Medicine in Lisbon, Portugal. His laboratory now at the University of Cape Town Medical School, works on gene regulation, host-pathogen interactions, single molecule imaging of gene expression and the development of cell-based visual high-throughput biology techniques for screening in basic and clinical biology.

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Prof Maritha Kotze Medical Scientist; Stellenbosch University and National Health Laboratory Service; Non-executive Director: Gknowmix (Pty) Ltd

Prof Maritha Kotze is employed as a medical scientist in Human Genetics at the National Health Laboratory Service, Tygerberg Hospital, with a joint appointment at Stellenbosch University since April 2016. She started her career as a human geneticist in 1981 and obtained the degrees BSc (1980), BSc Honors (1982) and MSc (1984) cum laude at Stellenbosch University. After obtaining her PhD in 1990, she supervised more than 50 postgraduate students, including 15 doctoral students and postdocs. She published more than 140 papers in peer-reviewed journals and also co-authored several invited book chapters. Her desire to translate research into clinical utility led to the co-founding of a molecular genetics company in 2002 with three of her previous PhD students. While working full-time at this laboratory over the next five years, she continued her academic research with doctoral supervision of both laboratory and clinical scientists. In 2004, she received a patent incentive award from the South African Medical Research Council for research relating to familial hypercholesterolaemia. This innovation combined the analysis of distinct and shared genetic risk factors for cardiovascular disease and evolved into a pathology-supported genetic testing service from 2007. This involved development of the Gknowmix™ data-integration software program financed by the Support Program for Industry Innovation and an internship programme supported by the Technology Innovation Agency of South Africa. Her current research focus is in the field of cancer genetics and is supported by substantial research grants from the Newton Fund, Medical Research Council and the Cancer Association of South Africa. This enabled her to advance the concept of pathology-supported genetic testing from panel-based genetic testing to whole exome sequencing as the next frontier in personalized medicine.

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Prof Tulio de Oliveira Professor and Director; KRISP, UKZN

Prof Tulio de Oliveira heads up the KZN Research Innovation and Sequencing Platform (KRISP), which is a Flagship Research Program of the South African Medical Research Council (SAMRC) and a technology platform of the Technology Innovation Agency (TIA) at the University of KwaZulu-Natal (UKZN). KRISP wants to challenge the status quo and create a scientific environment in (South) Africa that produces world class science, drives innovations and reverses the brain drain. The way we challenge the status quo is by attracting, training and retaining both top (South) African scientists that understand the problem from the ground level and the best international minds that are committed to our vision. We have, at present, seven faculty members, eight postdoctoral researchers and eight staff members, who are focused exclusively on the service side of the platform. KRISP is a unique entity that uses its scientific expertise to partner with clients in order to design experiments, produce data and provide analytic support. This vision is starting to pay off, and we are happy to say that in just two years, we published ten manuscripts in Nature, Science and Lancet journals and validated over twenty 'omics' products that are available as commercial services in (South) Africa. We have also created world-class laboratory infrastructure, including many NGS and robotic machines, and started an innovation and training laboratory in collaboration with Thermo-Fisher Scientific. In addition, KRISP is also partnering with a number of local and international companies in order to create new spin-offs in the fields of omics and bioinformatics in South Africa. We look forward to identify new opportunities at the BIO Convention, please contact us for more info: <http://www.krisp.org.za>.

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Mr Sibusiso Mdlalose Executive Director: Business Development and Partnerships; LT Clinical Research (Pty) Ltd

Sibusiso Mdlalose is the co-founder of LT Clinical Research (Pty) Ltd, a Pan-African regional CRO based in South Africa. He is the Executive Director responsible for Business Development and Partnerships. Sibusiso has over eight years' experience in the clinical research industry, and more than 15 years' experience in government relations, strategy and business development.

Before joining the clinical research industry, Sibusiso spent three years at the Council for Scientific Industrial Research (CSIR, South Africa) as manager responsible for business development and commercialization.

Sibusiso also serves as non-executive director of an independent company in healthcare that specializes in sales and distribution of healthcare products in Africa.

Email: sibu@ltclinicalresearch.com



Dr Charlotte Scholtz Chief Executive Officer; Toka Bio (Pty) Ltd, South Africa

Dr Charlotte Scholtz is the Chief Executive Officer of TokaBio (Pty) Ltd. This is a start-up company specialising in animal diagnostics assay and platform development. Toka Bio in collaboration with CSIR strives to develop novel functionality assays for infectious pathogen detection. Toka Bio furthermore focusses on the commercialisation and validation of a pipeline of point-of-care detection assays that have relevance to the African environment and landscape.

Dr Scholtz has more than 10 years' experience in the commercial Biotechnology space. She was a founder member of Genecare Molecular Genetics (Pty) Ltd and also worked as the Head of the Pharmacogenetics Laboratory at Synexa Life Sciences. Dr Scholtz holds a PhD in Human Genetics, completed a Business Management Diploma as well as obtained a qualification in Leadership Development. Dr Scholtz's understanding of both business and laboratory procedures greatly enhances her role in Toka Bio.

Email: charlotte@tokabio.com



Mr Glen Sullivan Managing Director; MSQ Pharma

With a career that started out in teaching, Glen Sullivan is a natural leader and coach who rapidly progressed his career from sales and marketing into senior leadership with a specialization in the pharmaceutical industry. With more than 14 years at board level, Glen has gained a reputation as a strategist who continuously assesses the competitive environment to adapt the organization to deliver best in class service in order to deliver consistent business results.

This combined with his innate practicality and down to earth nature positions him idgleneally as a Senior Executive for an organization that is expanding into Emerging Markets that requires specialist pharmaceutical knowledge, a pragmatic business approach and an entrepreneurial spirit that is able to envision the future, and deliver.

Glen has demonstrated an ability to cross industries and utilizing his ability to focus teams. These have included: Pharmaceuticals, FMCG, OTC, RX,GX, Eye-Care, Personal Care Chemicals and Specialty Animal Feed Premix.

Specialties: Board Member, General Management, Sales and Marketing. Re-engineering

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Mr Jonathon Reid Executive Director; MSQ Diagnostics

Jonathon Reid holds the position of Executive Director for MSQ Diagnostics, a subsidiary of MSQ Health Group. He is responsible for management and sales activities in South Africa. He has also taken an active role in sourcing global IVD for distribution in South African and African markets since he joined MSQ Health in 2017.

Jonathon has 8 years' experience within the In Vitro Diagnostics (IVD) industry on the African continent within public, private and export markets. He has expertise in quality management solutions, toxicology and clinical chemistry and a strong track record in business development and product management in these focus areas. He is known for building sustainable relationships that are mutually beneficial which speaks to his flexible nature and exceptional interpersonal communication skills.

Jonathon holds a BEng (Hons) in Civil Engineering from Herriot Watt University in Edinburgh.

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Ms Yolanda Kubeka Marketing Coordinator; MSQ Health Group

Yolanda Kubeka is a marketing professional whose journey started at GlaxoSmithKline as an Assistant Brand Manager for the Anti-Infective portfolio in 2014.

She completed a Bachelor of Commerce Degree in Business Management at the University of Pretoria, South Africa. Her majors were Marketing, Communications and Business Management.

Passionate about serving consumer and patient needs, she has been involved in Antibiotic Product Launches and Disease awareness campaigns for Malaria. She has also spear headed the GSK 2015 Inspiration Meetings for Appropriate Antibiotic Prescribing and Use for Southern Africa.

Yolanda is currently in Marketing at MSQ Health, responsible for the development and implementation of marketing strategies for the MSQ Group. She has also taken an active role in STEM initiatives since 2017, as the Project Liaison for South Africa. MSQ Health Group have partnered with Heritage STEM Camps, whom through their initiatives are dedicated to exposing young girls and boys to how Science, Technology, Engineering and Maths can be used to create and innovate.

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Prof Anne Grobler Director of National Platform & CEO; Pheroid Cluster Incubator and HANKS TB Diagnostics

Anne is a South African citizen with a Ph.D. in Pharmaceutics (North-West University; NWU) and an M.Sc. in Medical Biochemistry (Stellenbosch University). Her research interests are the design, construction and optimization of nanomedicines and bio-agricultural delivery systems, as well as the preclinical and clinical evaluation of such systems. In the course of her career, she has worked as a scientist at the Centre for Molecular & Cellular Biology, Medical School, University of Stellenbosch, at the South African Medical Research Council and at MeyerZall Laboratories, George, South Africa, where she was responsible for value-added intellectual property, new product design and the management of efficacy studies and clinical trials. She joined the NWU in 2004 where she is the Director of the DST/NWU Preclinical Drug Development Platform and professor in Pharmaceutics.

She is a co-author of the Synthetic Biology Strategy of South Africa, the South African Bio-Design Initiative (SABDI) and the Ministerial Review of STI institutions (2017). She authored/co-authored 88 ISI publications and book chapters and is an inventor/author of 9 patents granted or under examination and has been successful in obtaining funding from both governmental (DST, DTI, TIA, Innovation Fund, NRF, bi- and trilateral agreements) and industrial sources towards building capacity, infrastructure, and spin-off companies. Her awards include: BioFundi Award for Research, by the Gauteng Province and Innovation Hub (2018), the NWU Innovation Evangelist Award (2017), the NSTF/BHP Billiton Award for her contribution to SETI (2014); the Swiss Bio-technology Innovation Award, Switzerland (2011); two Vice Chancellor's Honorary Award for patents granted in multiple countries (2010) and runner up: Emory University / DST Bioplan competition(2009).

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Mr Tyron Grant Partner; Spoor & Fisher

Tyron is a South African Patent attorney specialising in domestic and international patent matters, particularly in the field of Biotechnology and Life Sciences, including the preparation and prosecution of patent applications. He also assists with litigation matters related to biotechnological inventions and providing advice in respect of the Genetically Modified Organisms Act ("the GMO Act"), Plant Breeders' Rights Act ("The PBR Act") and National Environmental Management: Biodiversity Act (NEMBA). He is a member of the Biotech department at Spoor & Fisher where he has worked since 2005. He became a partner of the firm in 2013. He has been a Fellow of the South African Institute for Intellectual Property Law since 2013. In 2014 he was co-author for the Dean & Dyer Introduction to Intellectual Property Law textbook.

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Ms Chyreene Truluck Patent Attorney; Spoor & Fisher

Chyreene is a South African Patent attorney specialising in Biotechnology and Life Sciences patent matters. She holds an MSc in genetics and has worked in the field of intellectual property management for ten years. Chyreene is primarily involved in domestic and international patent prosecution. She has extensive experience in managing IP portfolios, as well as negotiating and drafting IP-related transactions. Chyreene is a Senior Associate of Spoor & Fisher, where she also assists in assessing patentability, conducting IP due diligences and audits, drafting of agreements, providing general patent advice and assisting with obtaining plant breeders' rights protection. She is a Fellow of the South African Institute of Intellectual Property Law and a contributor of the annual update of the South African chapter in "International Pharmaceutical Law and Practice", Kleyn & van Wyk (General Eds.) LexisNexis, (2017-2018).

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Dr Joanne van Harmelen Biotech Cluster Lead; Patent Attorney; ENSafrica

Dr. Joanne van Harmelen heads up the Biotechnology and Life Sciences cluster in the intellectual property department at ENSafrica, Africa's largest law firm. She is a qualified patent attorney specialising in patent filing and prosecution in the biotech and pharmaceuticals sectors. Joanne holds a PhD in medical microbiology and vaccine development. She has extensive experience in the field of biotechnology and life sciences. Her expertise extends to the assessment of the patentability of inventions, preparation and filing of patent applications locally and abroad, performance of freedom-to-operate assessments, general IP commercial transactional advice, IP due diligence assessments, and advice on IP and biotech-related legislation, in particular, legislation relating to publicly financed research & development; bioprospecting involving indigenous biological resources and traditional knowledge; and genetically modified organisms. Joanne is also experienced in the preparation and filing of Plant Breeders' Rights applications

Joanne's clients include leading international biotech companies and start-ups with operations in Africa, North America, Europe and Australasia and Asia. Joanne is recognised as a leading lawyer by the following reputable rating agencies Managing Intellectual Property – IP Stars (South Africa); IAM Patent 1000 and Legal 500.

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Project Coordinator



Dr Judy Coates Independent Consultant; South Africa

Judy Coates is an independent consultant that has supported the organisation of South Africa's participation in the BIO Convention since 2014.

Judy has been in the Pharmaceutical industry for fifteen years, initially specializing in research and development and thereafter progressing into investment and now government and regulatory affairs. Her career began with joining Mintek in 2003 after obtaining her PhD in Organic Chemistry at the University of Johannesburg (RAU). Judy started her research career looking at the synthesis and biological activity of a variety of metal-based phosphine compounds in a secondment to University of Witwatersrand. During this time Judy went on a research visit to Heidelberg, Germany, where she investigated the gold labelling of neurologically active pentapeptides. Shortly after her return to South Africa she began heading up the Mintek AuTEK Biomedical Programme, along with taking on an honorary position at the University of Witwatersrand. Judy served as the head of the Biomedical Group at Mintek for a period of eight years. In July 2011 Judy transferred from Head: Biomed to the Human Resources Division in the position of Head: Academic Support. The tenure in this role entailed the managing of Mintek's Learning and Development portfolio. In this role she established a number of frameworks and policies to administer and guide the way Mintek engaged with key stakeholders that fell within the Academic Support portfolio. At the end of 2012 Judy joined the Technology Innovation Agency (TIA), an entity of the Department of Science and Technology, in Pretoria as the General Manager: Health. She was responsible for the oversight and leadership of the TIA Health sector team; the development and implementation of the Health sector strategy, the management and growth of the Health investment portfolio and the management of various stakeholder relationships throughout South Africa. During this tenure Judy engaged across multiple sector including academia, government and private sector. Following TIA Judy moved to the Innovative Pharmaceutical Association South Africa (IPASA), appointed as the Scientific and Regulatory Affairs Manager. Here she was responsible for monitoring trends, issues, problems, opportunities and activities in the healthcare environment, with a specific focus on Scientific and Regulatory Affairs, in order to identify legislative issues that can affect the industry; developing IPASA positions on key issues in conjunction with members; and the overall coordination and support of a number of the IPASA Working Groups.

Judy currently serves on the TIA Board, The Innovation Hub's BioPark Steering Committee, SARIMA's Technology Transfer Mentorship Programme, and the NECSA (NTeMBI & NuMeRI) Review Panels.

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ABOUT BOSTON

Travel to Boston

Airport: Located 3 miles from the Boston Convention and Exhibition Center, the Boston Logan International Airport is easily accessed by I-90, MA-1A and public transit.

Car: The Convention Center is in the Seaport District of Boston.

Amtrak: Trains run into the city servicing South Station, North Bay, Back Bay

MBTA: Travel 25 minutes and take the Silver Line from the airport to the World Trade CTR stop.

Hotel: Book your hotel with the BIO travel planning service, which offers benefits you won't find anywhere else. Explore your options now!

Airport Shuttle Service: Save time and money, travel from the Convention Center to Boston Logan Airport for under \$3.



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EXHIBITION

South African Pavilion Number: 2743





5

SOUTH AFRICAN DELEGATION SCHEDULE

2018 BIO INTERNATIONAL CONVENTION

SUGGESTED EVENTS FOR SOUTH AFRICA DELEGATION

All events take place at the **Boston Convention and Exhibition Center** unless otherwise specified.

BIO offers programs and opportunities for **every stakeholder** at the BIO International Convention:

- **BIO Education Program:** 125+ discussion-oriented sessions exploring scientific advancement, global innovations & markets, policy, regulation, technology transfer, and more.
- **BIO One-on-One Partnering™:** State-of-the art software allowing business development professionals to search, identify, and schedule meetings with potential collaborators and/or funders of projects or technologies.
- **BIO Exhibition:** Features over 1,800 organizations, 55 state, regional and international pavilions, and 78 specialized product focus zones.
- **Networking Events:** Include special events for all convention attendees to interact with their counterparts from all over the world.

Recommended:

- Browse the session tracks, organized by special interest categories – information available at <http://convention.bio.org/program/>.
- Attend the Fireside chats with biotechnology luminaries from industry and academia, information available [here](#).
- Engage in bilateral meetings with attending companies and government officials facilitated by the International Relations Department at BIO.

MONDAY - JUNE 04, 2018

Time	Function	Location	Notes
All Day	Day reserved for South Africa delegation site visits	Boston/ Cambridge, MA	Tours can be scheduled on this link for the private sector: https://bio.swoogo.com/biotours
6:00 PM – 8:00 PM	Tribute to Biotech Welcome Reception	World Trade Center Boulevard	Open to all BIO attendees with Convention Access and above.

TUESDAY - JUNE 04, 2018

GLOBAL LEADERSHIP FORUM

The Global Leadership Forum is an afternoon with high level sessions featuring key issues in the biotech industry.

Time	Function	Location	Notes
8:15 AM – 9:00 AM	Meeting with CEPI	Bilateral Room Room 260	Meeting with Richard Hatchett, Chief Executive Officer of the Coalition for Epidemic Preparedness Innovations (CEPI).
9:00 AM – 10:30 AM	Morning Keynote with Robin Roberts	BCEC, Grand Ballroom 20	*VIP seating may be available*
1:00 PM – 2:30 PM Remarks start at 1:00 PM	First Panel: Can Boston's DNA be Replicated Globally?	Rooms 204AB - Level 2	Minister Kubayi-Ngubane is invited to speak in this panel. Other invited panelists: <ul style="list-style-type: none"> • Ambassador to the United States, French Republic • John Harthorne, Founder & CEO, MassChallenge • Gintaras Vilda, Vice Minister of Economy, Republic of Lithuania • Herb Riband, International Policy & Government Affairs Vice President, Amgen

GLOBAL LEADERSHIP FORUM (CONTINUED)			
2:30 PM – 2:55 PM	Fireside Chat: Australia: Island of Research and Innovation	Room 204AB - Level 2	Fireside chat with Greg Hung, Minister of Health for Australia & Joe Damond, BIO International Affairs' VP.
2:30 PM – 3:30 PM	AUTM	Room 258 C	Meeting with AUTM Officials.
3:05 PM – 4:00 PM	Second Panel: Is Biotechnology Globally Sustainable?	Rooms 204AB - Level 2	Invited panelists: <ul style="list-style-type: none"> • Fabio Landazabal, Senior Vice President, GlaxoSmithKline • Thomas Cueni, Director General of IFPMA • Nares Damrongchai, CEO, Thailand Center of Excellence for Life Science • Doug Doerfler, President and CEO, MaxCyte
4:00 PM – 5:30 PM	Third Panel: Trump Trade Policy: Risk or Opportunity?	Rooms 204AB - Level 2	Invited panelists: <ul style="list-style-type: none"> • Barbara Weisel, Managing Director, Rock Creek Global Advisors LLC • Karen Antebi, Economic Counselor of Mexico to U.S • Patrick Kilbride, Senior Vice President, Global Innovation Policy Center (GIPC) • Brian Pomper, Partner and Advisor, Akin Gump Strauss Hauer & Feld LLP
8:30 PM – 10:30 PM	Middle East & Africa Reception	Bastille Kitchen 49 Melcher Street, Boston, MA	Reception for delegations from Middle East and Africa. Minister Kubayi-Ngubane is invited to give remarks.

WEDNESDAY - JUNE 06, 2018

Time	Function	Location	Notes
9:00 AM – 10:30 AM	Morning Keynote with Rob Reiner	BCEC, Grand Ballroom 20	*VIP seating may be available*
1:15 PM – 3:00 PM	Bilateral Meeting with BIO Member Companies	Room 258 C	*Closed door meeting for South Africa Government Officials and Biotechnology Companies*
3:00 PM – 3:30 PM	Meeting with David Torstensson from Pugatch Consilium	Room 258 C	Meeting for the Department of Trade & Industry, and Department of Science & Technology delegates.
4:00 PM – 5:30 PM	Africa BIO Launch Event	South Africa BIO Pavilion, Booth #2743	Cheese & Wine Event to celebrate the launch of BIO Africa. Minister to open Wine and Cheese event.
6:30 PM – 8:30 PM	Evening Reception – Concert by Diana Ross	Boston Convention and Exhibition Center	Open to all BIO attendees with Convention Access and above. http://convention.bio.org/networking

THURSDAY - JUNE 07, 2018

Time	Function	Location	Notes
9:00 AM – 10:15 AM	Site Visit at LabCentral (*Only for South African Government Officials)	LabCentral, Inc. 700 Main Street, North Cambridge, MA 02139	Point of Contact: Luke Wallrich, llwallrich@labcentral.org
11:00 AM – 12:00 PM	Meeting with Pugatch Consilium and BIO Member Companies	Room 260	*Meeting with David Torstensson, South African companies and government officials.
12:00 PM – 1:30 PM	Super-Session: "The Scientific American Worldview: Biotechnology in the Age of Convergence"	Room 253ABC, Level 2	*For your interest * Information available at https://mybio.org/event/member/476352
1:30 PM – 2:30 PM	International Reception	Boston Convention and Exhibition Center	*Open to all attendees*



27 - 29 AUGUST 2018

Inkosi Albert Luthuli International Convention Centre (ICC), Durban, South Africa

Africa - Open for business: Building the Bio-Economy together

AfricaBio is proud to announce the annual BIO Africa Convention - aiming to bolster developments and relationships across Africa in the growing bio-economy of the continent. Biotechnology is a burgeoning business sector, across the fields of science, healthcare, food and making an impact in regulatory environments as well. It is especially having a profound impact in food security and health care with the development of new drought tolerant crops and vaccines for HIV and other viral agents.

The South African Department of Science and Technology identified biotechnology as an area with great potential for the growth of South Africa's economy and the development of society in general. The BIO Africa Convention is an international event co-hosted by the Technology Innovation Agency (TIA), an agency of South African Department of Science and Technology and AfricaBio, a biotechnology stakeholder association in partnership with other strategic partners. This is hosted in partnership with local industry and continental agencies.

Using the OECD definition, biotechnology is the application of science and technology to living organisms as well as parts, products and models thereof, to alter living or non-living materials for the production of knowledge, goods and services. Biotechnology has been used to produce a number of products such as new vaccines, insulin and other hormones, pest or drought resistant crops like maize, soya or cotton.

Under the theme, "Africa - Open for business: Together building the Bio-Economy", BIO Africa Convention, aims to attract international investors and facilitate business networks and the collaboration of minds amongst industry, academia, regulatory authorities and future industry leaders.

"The BIO Africa Convention will create an enabling environment for business to business interaction and foster partnerships between local companies and international investors, as well as strategic collaborations by industry players across the continent to promote and develop Africa's bio-economy" - Dr Siyabulela Ntutela, AfricaBio, CEO.

For more information, contact Charlotte De La Harpe, Project Manager on [+27 12 844 0126](tel:+27128440126) or Charlotte@africabio.com

EARLY BIRD REGISTRATION NOW OPEN! www.bioafricaconvention.com or follow us for Facebook @bioafricaconvention2018 or twitter @BIOAfricaCon

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TEN REASONS TO INVEST IN SOUTH AFRICA



investSA

President MC Ramaphosa

INVESTMENT RECRUITMENT DRIVE OF \$100 BILLION OVER 5 YEARS

10 *& more* REASONS WHY YOU SHOULD INVEST IN SOUTH AFRICA

01 HOT EMERGING MARKET

Growing Middle Class, Affluent Consumer Base, Excellent returns on investment.

02 NO.1 DIVERSIFIED ECONOMY IN AFRICA

SA is the best manufacturing and leading services destination. SA is the regional manufacturing hub and the most industrialised country in Africa.

03 LARGEST PRESENCE OF MULTI-NATIONALS ON AFRICAN CONTINENT

SA is the Multinationals location of choice. Global corporates enjoy benefits of doing business in SA which has a growing and supportive ecosystem as a hub for innovation, tech and fintech.

04 PROGRESSIVE CONSTITUTION AND INDEPENDENT JUDICIARY

SA has a progressive Constitution and an Independent Judiciary. SA has a mature accessible legal system providing certainty and respect for the rule of law. Ranked no. 1 in Africa for the protection of investment and minority investors.

05 FAVOURABLE MARKET ACCESS TO GLOBAL MARKETS

The African Continental Free Trade Area (AfCFTA) will boost intra-Africa trade and create a bigger market of over 1 billion people with a GDP of \$2.6 trillion that will unlock industrial development. SA has several trade agreements as an export platform into Global Markets

06 ABUNDANT NATURAL RESOURCES

SA is Abundantly endowed in precious metals. World's leading producer of PGM's. 6th largest producer of gold. World Renowned underground mining expertise. Over 110 listed mining companies with operation in SA.

07 ADVANCED FINANCIAL SERVICES AND BANKING SECTOR

Sophisticated banking sector with a major footprint in Africa. SA is a financial hub in Africa, with the JSE being the largest stock exchange by market capitalisation.

08 WORLD CLASS INFRASTRUCTURE AND LOGISTICS

Government Investment of over 1Trillion Rand and continued investment in infrastructure. SA has the largest Air and Port networks that links into the African Continent. SA ranked no. 1 in Africa on the World Bank's Logistics Performance Index.

09 YOUNG TRAINABLE LABOUR FORCE

SA has a number of world class universities and technicians, producing a skilled, talented, capable work force. Diversified skill set, emerging talent, large pool of trainable labour and government support for training and skills development.

10 EXCELLENT QUALITY OF LIFE

Favourable cost of living, diversified culture, cuisine and sports destination all year round. Renowned hospitality sector.

InvestSA offers a One Stop Shop (OSS) service to all investors. The One Stop Shops is a focal point of contact for all investors to coordinate and facilitate the relevant government departments involved in regulatory, registration, permits and licensing.

investSA

Email: investsa@thedti.gov.za

Website: www.investsa.gov.za

Telephone - Local: 086 1222 308

International +2712 394 3078

Why South Africa Matters!

- South Africa is the No.1 diversified economy in Africa. (IMF 2016). According to FDI intelligence Middle East and Africa Countries of the Future 15/16 report, South Africa is number 1 in Africa attracting the highest number of inward projects.
- SA is the regional manufacturing hub and Gateway to Africa with favourable market access and is an export platform.
- SA has an advanced financial services sector and is No.1 in raising finance through the local equity market. (WB 2016/17 Global Competitiveness Report).
- SA ranks No.2 in the soundness of its banks. (WB 2016/17 Global Competitiveness Report).
- SA ranks No.3 in its regulation of the securities exchange. (WB 2016/17 Global Competitiveness Report).
- SA has a fortified legal system and is ranked 14 in strength of investor protection. (WB 2016/17 Global Competitiveness Report).
- SA is the Multinationals location of choice ranked No.1 by Ernest and Young's Africa Attractiveness Survey 2016.
- SA ranks No. 27 for its domestic market size. (WB 2016/17 Global Competitiveness Report).
- SA is ranked No.5 in the Global Climate Scope Report and is ranked No.10 in the world for harnessing renewable energy from the sun, and is world renowned for its Renewable Energy Independent Power Producer Procurement Program. (Wiki-Solar 2016).
- SA globally recognised by UNCTAD July 2016 for promoting investment partnerships in sustainable development.
- World class infrastructure: SA's airport infrastructure is ranked No.10, Ports 37th and Roads 29th in the Global Competitiveness Survey in 2016.
- SA is ranked No.1 in the Global Innovation Index 2016 for most technologically advanced country in Africa. There are more than 110 listed mining companies operating in South Africa
- SA is abundantly endowed in precious metals; it is ranked the world's leading producer of Platinum and Manganese, is ranked No.2 in the production of Palladium and Titanium, and is the 6th largest producer of Gold according to the US Geological Survey (2016). The World Steel Association ranked SA the 21st largest steel producer in the world in 2015.
- SA has a strong services sector. The UN World Tourism Organisation ranks SA No.1 tourism destination in Africa

by international arrivals. 2015/2016 Telegraph Travel Awards chose Cape Town as the Best City in the World for the fourth year running. Cape Town was also voted the World Design Capital in 2014.

- The International Association of Congress Centres ranked the Durban International Convention Centre at No.15 globally in 2016.
- South Africa has been named the "Off-shoring Destination of the Year" at the 2016 Global Sourcing Association (GSA) Awards.
- South Africa is also a leading services destination for blockbuster movie productions in Africa, by Disney, Warner Brothers and Sony.
- Diversified culture, cuisine and sports destination all year round.
- Diversified skill set, emerging talent and large pool of trainable labour.

Who is InvestSA?

InvestSA is a division of the South African Department of Trade and Industry (the dti), providing a One-Stop-Shop service to investors. It provides investment promotion, facilitation and aftercare, which is geared at fast-tracking projects and reducing government red-tape.

InvestSA facilitates the increase in the quality and quantity of foreign and domestic direct investment by providing an investment recruitment, problem-solving and information service to retain and expand investment in South Africa and into Africa.

InvestSA actively markets, promotes and facilitates investment in key high-yielding growth sectors of the South African economy.

What services do we offer?

Investment Information

We offer specialist advisory services in the following areas:

- Economic environment
- Regulatory environment
- Legal environment and compliance
- Industrial development and financial support
- Investment guides

Investment Facilitation

- Inter-Governmental coordination and facilitation
- Company registration and CIPC services
- Business permits and Visa Facilitation Service
- Facilitation with UIF and Compensation Fund
- Environmental Impact Assessment
- Facilitation with SARS and Customs
- Facilitation with Mining Permits
- Facilitation with NRCS, ITAC and SABS
- Municipal facilitation
- Facilitation with SOEs
- Incentive facilitation
- Facilitation with Land Zoning and transfers
- Location analysis and facilitation
- Critical infrastructure and utilities
- Broad-Based Black Economic Empowerment (B-BBEE)
- Introduction to financial institutions and funding opportunities
- Priority sectors, designation and localisation
- Site visits and business-to-business programmes
- Partnerships with stakeholders
- Enterprise development and supplier development
- Introduction to raw material suppliers
- Advice on customs clearing and logistics
- Investment promotion and international investment missions
- Facilitation by the dti representatives stationed worldwide

Aftercare Services

- Advice on recruitment, talent and skills
- Advice on lifestyle amenities, e.g. location of housing, schools, etc.
- Policy advocacy
- Investor surveys
- Business forums
- Retention and expansion services

InvestSA is mandated by the IMC on Investment and Presidency to champion the establishment of the One Stop Shops. Specifically then this will be implemented through the establishment of the National One Stop Shop and roll out to all provinces over the next three years.

The One Stop Shops (OSS) will be the focal point of contact in government for all investors to coordinate and facilitate the relevant government departments involved in regulatory, registration, permits and licencing.

The OSS will significantly shorten and simplify administrative procedures and guidelines for the issuance of business approvals, permits and licences and thereby remove bottlenecks faced by investors in establishing and running business.

InvestSA and strategic provincial partners seeks to provide an integrated service to investors that will:

- Facilitate the entire investment value chain;
- Provide specialist advisory services to investors;
- Coordinate effectively across various line departments;
- Communicate all services to current and potential investors;
- Act as the facilitation window of clearance of registration, licencing and permits;
- Facilitate the provision of information and support on available investor incentives schemes; and
- Coordinate the regulatory reform / roadmap process in South Africa and improve the investment climate.

One Stop Shop Services

The following One Stop Shop services will be delivered in collaboration with key stakeholders:

- Specialist investment advisory and facilitation services
- Permits
- Registration
- licencing

Key stakeholders

National Government Departments supporting the OSS

- Agriculture, Forestry & Fisheries
- Cooperative Governance and Traditional Affairs
- Economic Development
- Energy
- Environmental Affairs
- Home Affairs
- Labour
- Mineral Resources
- National Treasury
- Public Enterprise
- Rural Development and Land Reform
- Science and Technology
- Small Business Development
- Trade and Industry
- Water and Sanitation

National Government Agencies supporting the OSS

- Companies and Intellectual Property Commission (CIPC)
- International Trade Administration Commission
- Of South Africa (ITAC)
- South African Bureau of Standards (SABS)
- National Regulator of Compulsory Specifications (NRCS)
- South African Revenue Service (SARS)
- VISA Facilitation Service (VFS)



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Inspiring new ways