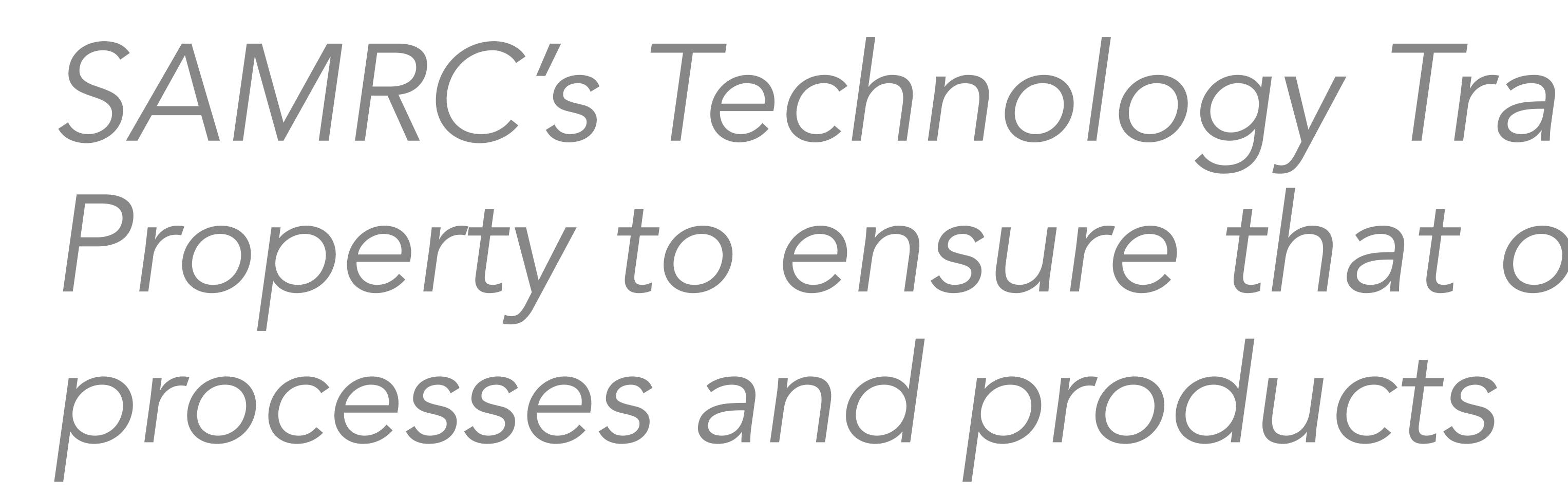
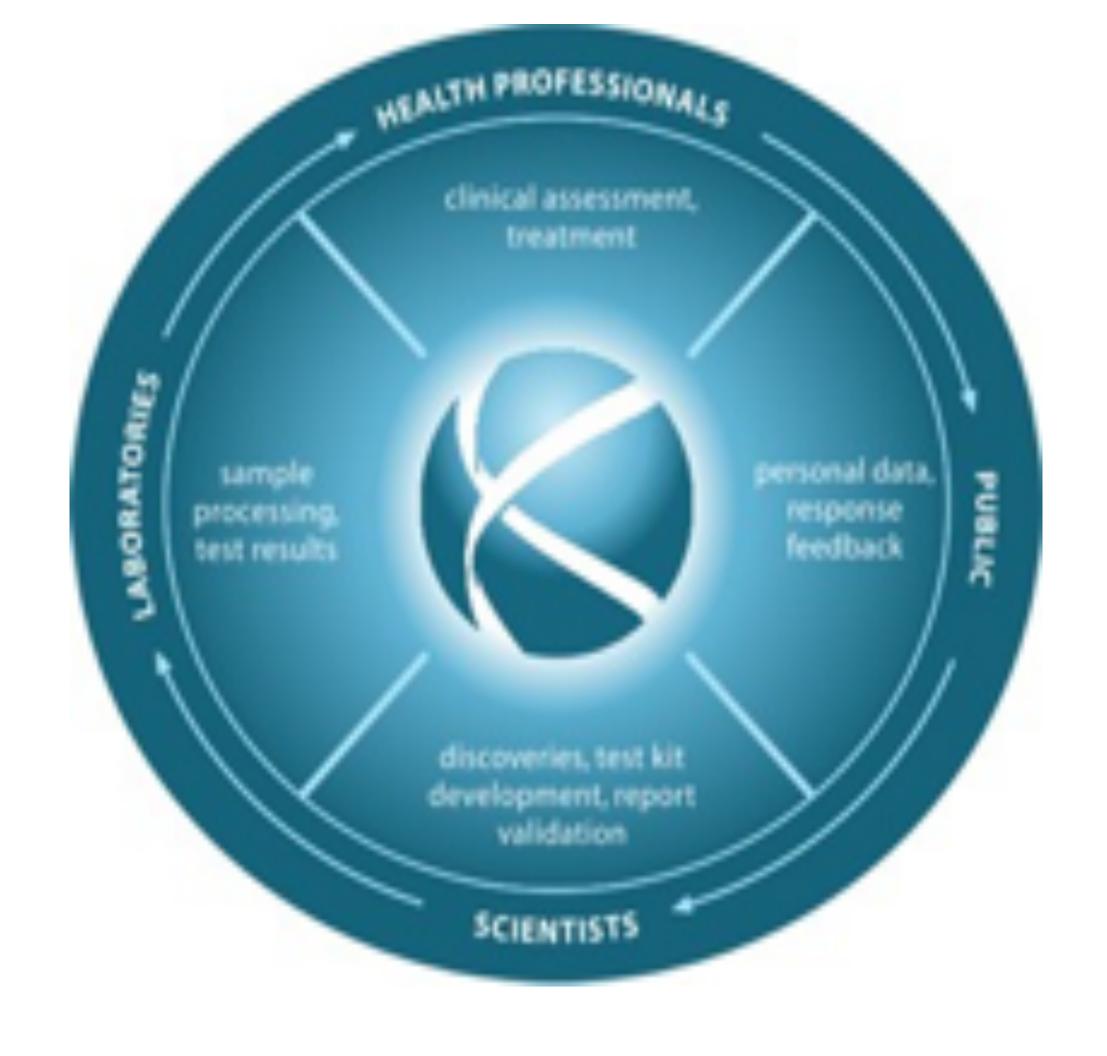


# platforms to ensure health impact



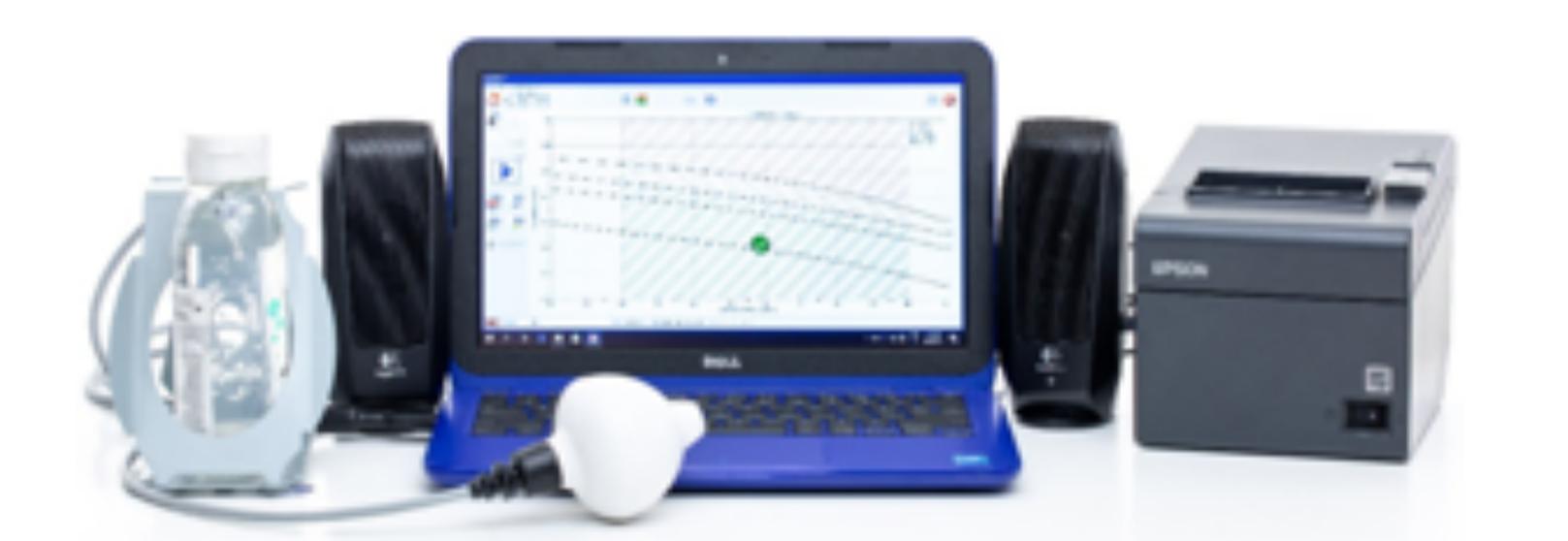
### GKnownix



A unique genetic testing service that integrates clinical, pathology and lifestyle information for clinical management of multi-factorial diseases

iknowmix

### 

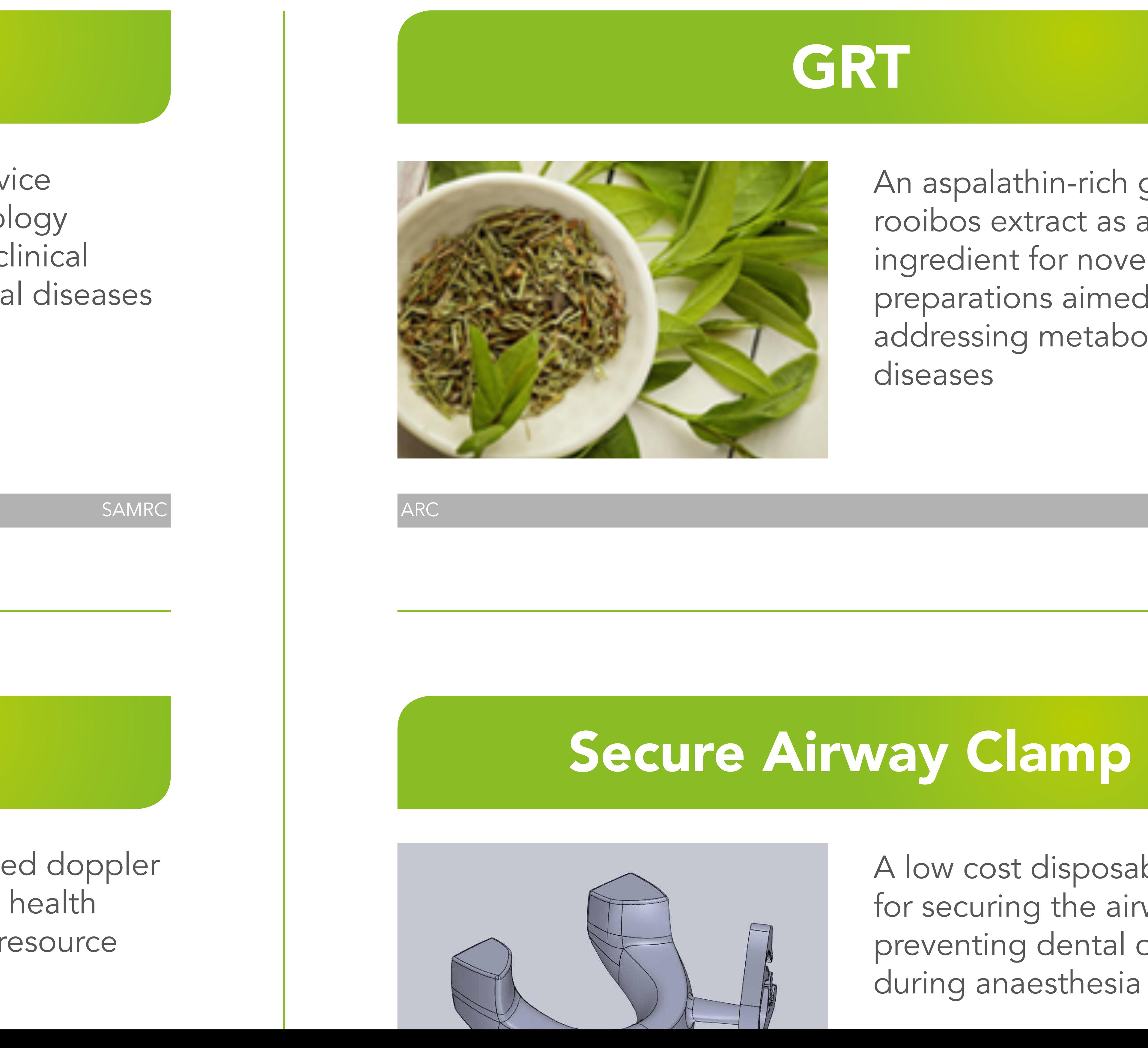


A mobile-connected doppler analyser for foetal health evaluation in low-resource settings

## DRIVING INNOVATION FOR IMPROVED HEALTH

The SAMRC develops, evaluates and implements new innovations through its intra-mural research units and

SAMRC's Technology Transfer Office (TTO) manages the organisation's Intellectual Property to ensure that our research is translated into new or improved practices,



### 

An aspalathin-rich green rooibos extract as a key ingredient for novel preparations aimed at addressing metabolic diseases

SAMR

A low cost disposable device for securing the airway and preventing dental damage during anaesthesia

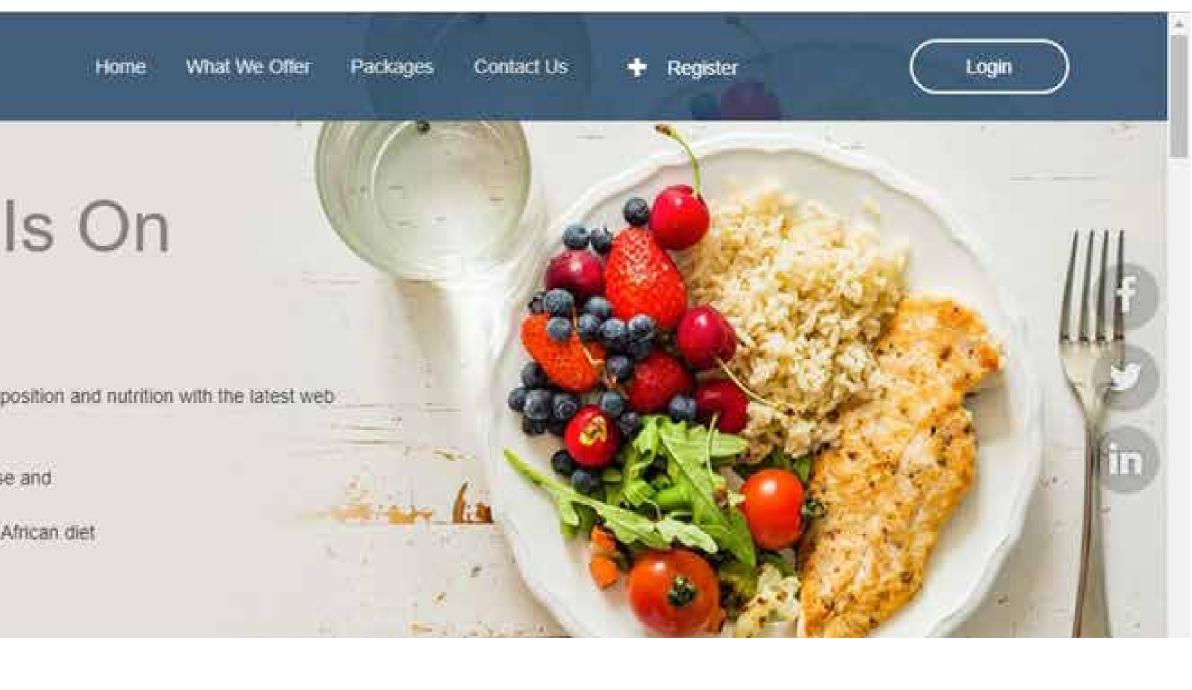
### FOODFINDER Know What Is On The Inside FoodFinder combines the science of food composition and nutrition with the latest web Real-time dietary analysis using the latest; . South African Food Composition Database and Food Quantities Manual Specially designed for analysis of the South African diet · Capable to handle large group analysis

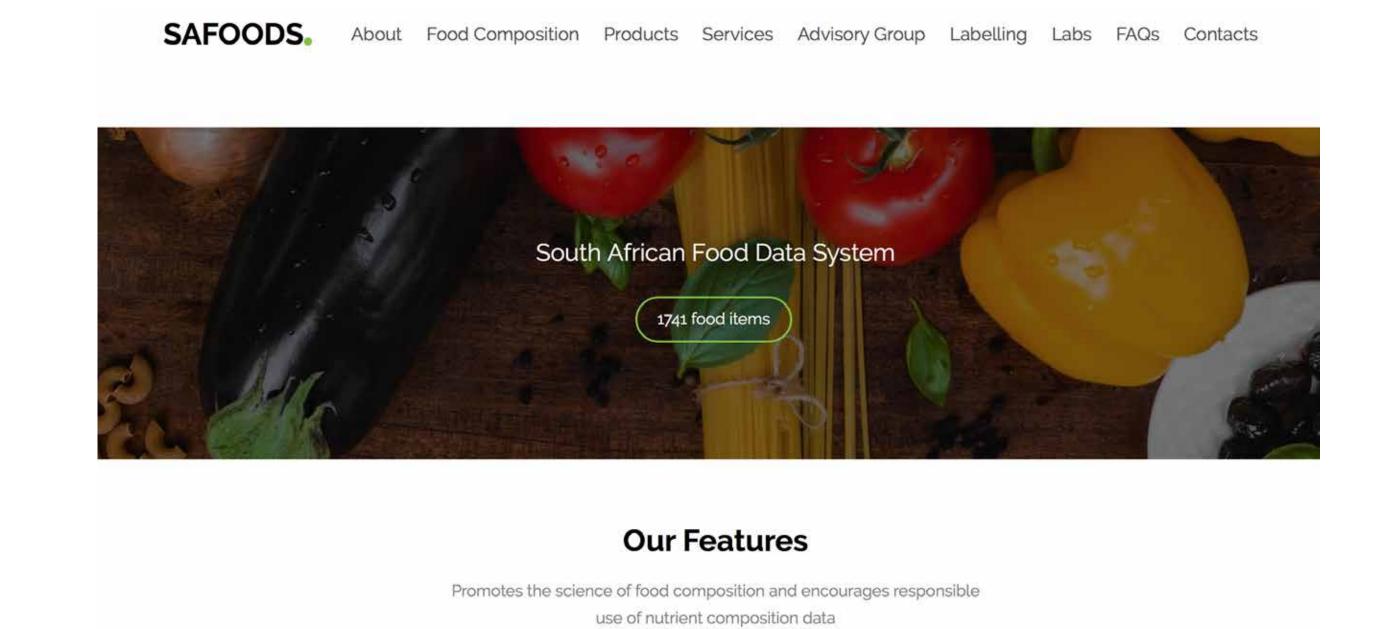
Export of analyses reports

A tool for accessing and mining the South African Food Composition Database (SAFOODS)

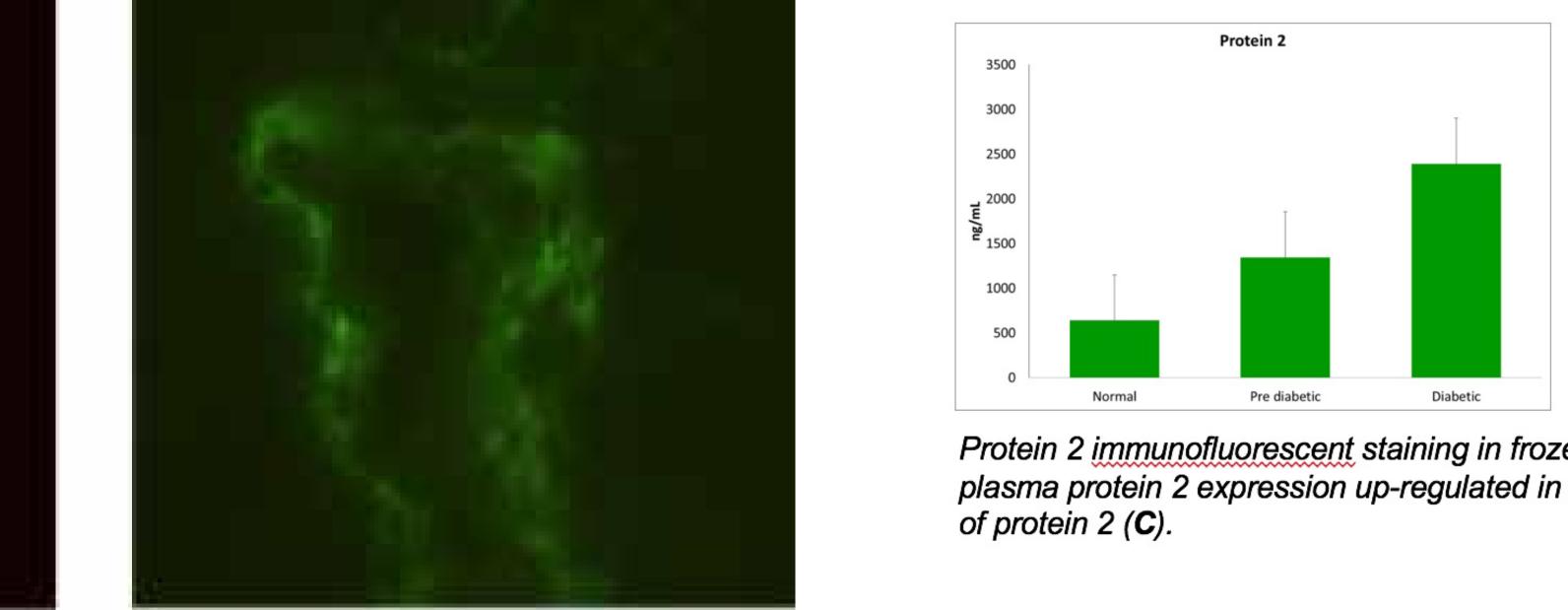


### Food Finder





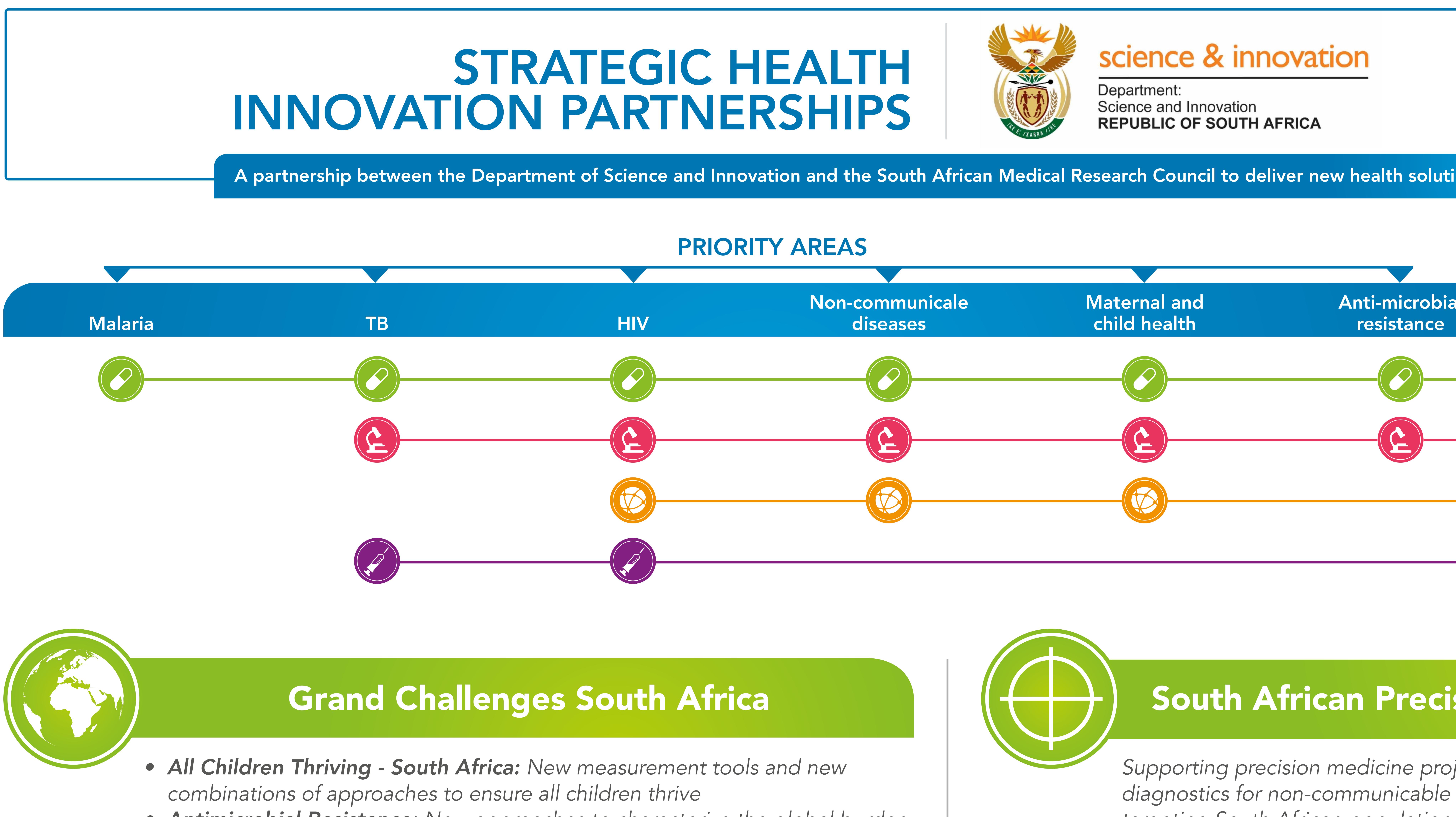
### Metabolic Markers



Protein 2 immunofluorescent staining in frozen liver sections from vervet monkeys (A) Vervet monke plasma protein 2 expression up-regulated in diabetic monkeys (**B**). Human plasma protein expression



## through key local and international funding partnerships



• Antimicrobial Resistance: New approaches to characterize the global burden of Antimicrobial Resistance

## DRIVING INNOVATION FOR IMPROVED HEALTH

The SAMRC supports health innovation nationally through external grant mechanisms established

A partnership between the Department of Science and Innovation Medical Research Council to deliver new health solutions in key priority areas





Supporting precision medicine projects that develop affordable genetic diagnostics for non-communicable diseases and child health specifically targeting South African populations

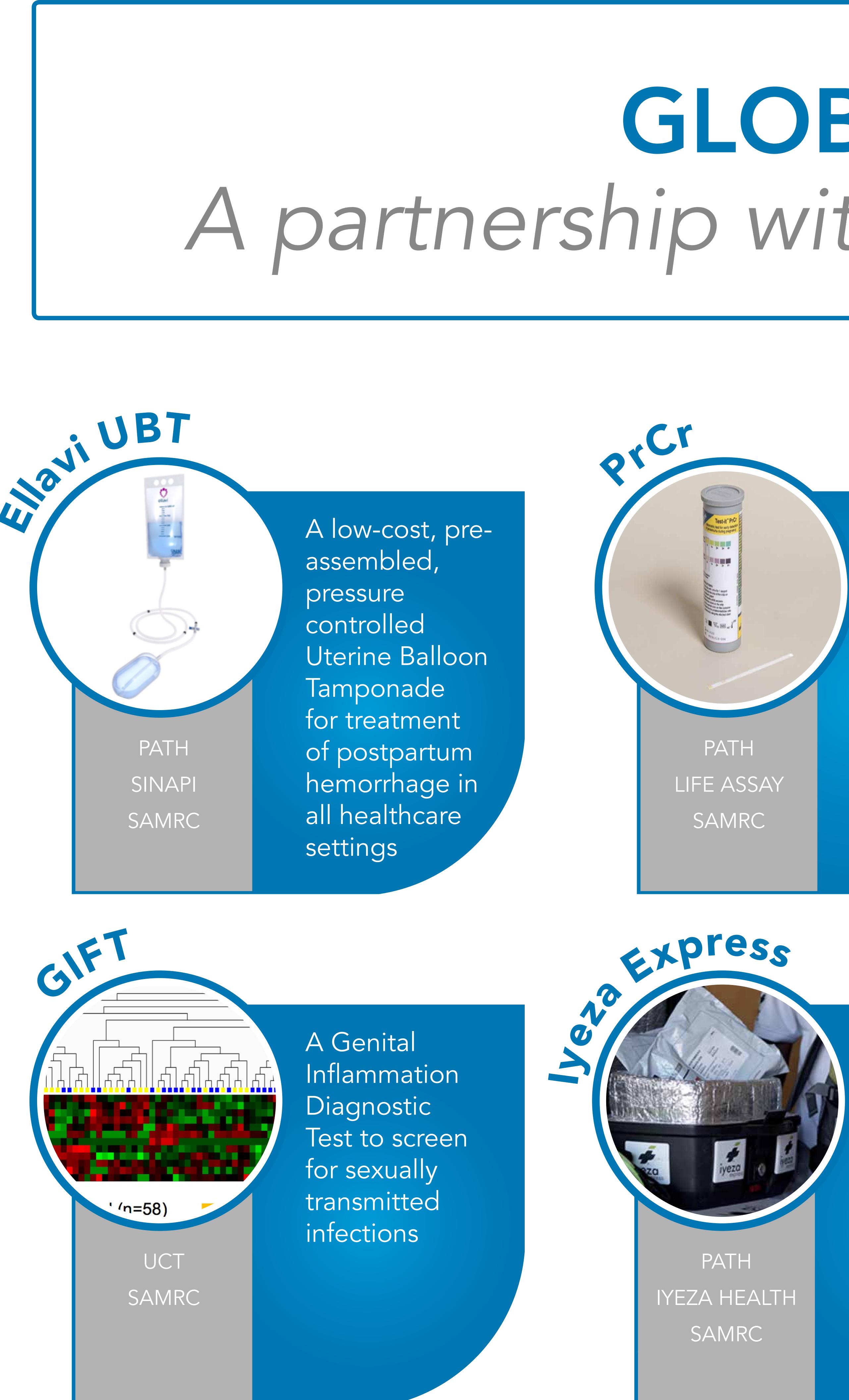
## SUPPORTING HEALTH INNOVATION

al	
	DRUGS AND
	TREATMENT REGIMENS
	MEDICAL DEVICES
	AND DIAGNOSTICS
	DIGITAL HEALTH
	VACCINES

## South African Precision Medicine Programme



# local and international partnerships



## DRIVING INNOVATION FOR IMPROVED HEALTH

The SAMRC facilitates health innovation nationally via support platforms and initiatives established through

## **GLOBAL HEALTH INNOVATION ACCELERATOR (GHIA)** A partnership with PATH to accelerate product development and implementation

proteinuria status as an indicator of preeclampsia

