



**Multi-omics and laboratory medicine**

**23rd International Congress of Clinical Chemistry and Laboratory Medicine**

**(IFCC Worldlab 2017)**

**57th Meeting of the South African Association for Clinical Biochemistry**

**5th Congress of the African Federation of Clinical Chemistry**

## **Biomarkers for Diabetes - Satellite Programme, Grande Roche Hotel, Paarl**

**THURSDAY 26<sup>TH</sup> OCTOBER 2017**

### **8:30 OPENING AND WELCOME**

#### **8:45 SESSION 1**

##### **Diabetes mellitus in the 21<sup>st</sup> century**

8:45 Diabetes overview  
Elizabeth Seaquist (US)

##### **Diabetes and obesity: a rising epidemic**

9:15 High income country perspective  
Andrew Boulton (UK)

9:40 African perspective  
Ayesha Motala (ZA)

10:05 Asian perspective  
Shashank Joshi (IN)

### **10:30 TEA**

#### **10:50 SESSION 2**

##### **Clinical**

10:50 Can evidence based diabetes guidelines be developed without conflict of interest?  
M. Sue Kirkman (US)

11:15 Interaction between chronic infectious disease and diabetes



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Naomi Levitt (ZA)

11:40 New therapies for diabetes: where are we now?

Steven Kahn (US)

12:05 Optimal glycemic management in low income countries: are new drugs necessary?

Jean-Claude Mbanya (CM)

12:30 Bariatric surgery: is it a cure for type 2 diabetes?

Carel Le Roux (UK)

### 12:55 LUNCH

### 13:45 SESSION 3

#### Glucose measurement

##### A. Glucose meters

13:45 How accurate do glucose meters need to be?

David Bruns (US)

14:05 How do modern glucose meters perform in critically ill patients in the real world?

Mitch Scott (US)

##### B. Continuous glucose monitors

14:25 The artificial pancreas: are we nearly there?

Aaron Kowalski (US)

14:50 Should CGM be used in all patients on insulin?

Larry Distiller (ZA)

### 15:15 TEA

### 15:35 SESSION 4



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### **HbA1c: standardization and role in diagnosis of diabetes**

15:35 Standardization and Quality Targets  
Cas Weykamp (NL)

15:55 HbA1c in the diagnosis of diabetes  
David Sacks (US)

16:15 What is optimal HbA1c cutoff for diagnosis?  
W. Garry John (UK)

16:35 HbA1c in diabetes diagnosis: the Cape Town experience  
Tandi Matsha (ZA)

### **20:00 CONFERENCE DINNER**

### **FRIDAY 27<sup>TH</sup> OCTOBER 2017**

#### **8:30 SESSION 5 HbA1c variability**

8:30 Can HbA1c values be interpreted in the presence of haemoglobin variants or chronic infections?  
Randie Little (US)

8:50 Debate: Does race alter HbA1c independently of glycemia?  
For the motion  
Rajiv Erasmus (ZA)

Oppose the motion  
M. Sue Kirkman (US)



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### Point-of-care HbA1c

9:30 Debate: Should POC HbA1c be used to diagnose diabetes?

For the motion

Mitch Scott (US)

Oppose the motion

Randie Little (US)

10:10 POC HbA1c: is it useful in clinical practice?

Emma English (UK)

### 10:30 TEA

### 11:00 SESSION 6

#### Glycated proteins and new biomarkers

11:00 What is the role of fructosamine and glycated albumin in diabetes?

Andre Kengne (ZA)

11:25 Standardization of glycated albumin: can it be achieved?

Keiko Yasukawa (JP)

11:50 AGE: does it have a role in diabetes?

Philippe Gillery (FR)

12:15 Emerging markers: will any of these be used in patient care in 2027?

David Bruns (US)

### 12:45 CONCLUSION AND END OF MEETING



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