QNRF-CUDOS
Qatar National Research Fund Conference on Understanding molecular mechanisms underlying cardiovascular disease, Diabetes, Obesity and Stroke
Conference and Workshop Program

Program Schedule
MONDAY, APRIL 10, 2017
CONFERENCE DAY-1

8:30AM-11:00AM  Registration Open

8:30AM-8:45AM  Dr. Ena Wang
Acting – Chief Research Officer, Chief - Translational Medicine Division, Sidra Medical and Research Centre

8:45AM-9:00AM  Dr. Ammira S. Akil
Human Genetics Department, Translational Medicine Division, Sidra Medical and Research Centre

9:00 AM-9:30 AM  QNRF Presentation

9:30 AM-10:15 AM  Professor Anthony Keech
Talk Title: Clinical biomarkers of diabetes complications in 10,000 Type 2 Diabetic individuals from FIELD Trial.

Session I
Clinical Biomarkers of type 2 diabetes complications

Chairpersons  Professor Khalid Hussain & A/ Professor Anand Hardikar

10:30AM-11:15AM  Professor Alicia Jenkins:
Talk Title: Glycemic variability in practice – effects on telomeres and chromatin health

11:15AM-11:55 AM  Dr. Mohammad Abdul Ghani
Talk Title: The Etiology of increased cardiovascular risk in T2DM patients

11:55AM-12:30 PM  Dr. Mugdha Joglekar:
Talk Title: Circulating microRNAs as biomarkers of diabetes complications.
12:30 PM-1:30 PM  
**Lunch Break**

### Session II
**Type 2 diabetes complications in the Middle East and GCC region**

**Chairpersons**  
Dr. Hadi Abdulrrahim & Professor Mary Choi

1:30 PM-2:10 PM  
**Professor Khalid Al-Rubeaan**  
Talk Title: **Chronic complications are behind both morbidity and mortality among Diabetic patients in the GCC countries.**

2:10PM-2:40PM  
**Professor Nabil Suleiman**  
Talk Title: **Diabetes and obesity in Emirati and Expatriates living in the United Arab Emirates: UAEDIAB Study**

2:40 PM-3:15 PM  
**DR. Khalid Fakhro**  
Talk Title: **Role of SLMAP genetic variants in susceptibility of diabetes and diabetic retinopathy in Qatari population**

### Session III
**New Trends in Diabetes Therapy**

**Chairpersons**  
Professor Ranjan Yajnik & Professor Khalid Hussain

3:30PM-4:10PM  
**Professor Steven Atkins**  
Talk Title: **Update on insulin treatment in patients with diabetes**  
*Weill Cornell Medicine-Qatar*

4:15PM-5:00PM  
**Professor Alicia Jenkins**  
Talk Title: **TBA**

TUESDAY, APRIL 11, 2017  
CONFERENCE DAY-2
8:30AM-9:15AM  
**Professor Susan Ozanne**  
*Talk Title: Understanding the epigenetics of fetal origins of adult disease*

Session IV  
**Epigenetics of diabetes and CVD**

**Chairpersons**  
Professor Alicia Jenkins & Dr. Nahla Afifi

9:15AM- 9:45AM  
**A/Professor Charbel Abi Khalil**  
*Talk Title: Epigenetic mechanisms underlying cardiovascular complications of diabetes.*

09:45AM-10:15AM  
**A/Professor Anand Hardikar**  
*Talk Title: Multigenerational Under nutrition and diabetes – epigenetic programming by microRNAs*

Session V  
**Predisposition to type 2 diabetes: from genetics to the environment**

**Chairpersons**  
Professor Antony Keech & Dr. Khalid Fakhro

10:30AM-11:10 AM  
**Professor Khalid Hussain**  
*Talk Title: Rare Types of Diabetes in Children*

11:10AM-11:50 AM  
**Professor Shahrad Taheri**  
*Talk Title: Interaction between Sleep and Diabetes*

11:50AM- 12:30PM  
**Professor Ranjan Yajnik**  
*Talk Title: Life course study of diabetes susceptibility – the micronutrient story*

12:30 PM- 1:15PM  
**Lunch Break**

Session VI

**Chairpersons**  
Professor Susane Ozanne & Dr. Nicholas van Panhuys
1:15PM -1:45PM  **Dr. Damien Chaussabel**  
**Talk Title:** Longitudinal Monitoring of Gene Expression in Ultra-Low Volume Blood Samples Self-Collected at Home.

1:45PM-2:15PM  **Dr. Tomoshige Kino**  
**Talk Title:** Chromatin-mediated regulation of glucocorticoid actions in diabetes mellitus, obesity and hypertension

**Session VII**  
Sidra Graduate Associates

Chairpersons  Dr. Ammira Akil & Dr. Mugdha Hardikar

2:15 PM-2:30 PM  **Al-Jazi Al Maraghi**  
**Talk Title:** TBA

2:30 PM-2:45 PM  **Njood Al-Neema**  
**Talk Title:** TBA

**Session VIII**  
T1D Research

3:00 PM-3:30 PM  **Dr. Ammira Akil**  
**Talk Title:** Soluble microRNA as predictive biomarkers in T1D

3:30PM-4:00PM  **Dr. Andrzej Januszewski**  
**Talk Title:** Non-Invasive assessment of vascular complications in T1D.
TUESDAY, APRIL 12, 2017
CONFERENCE DAY-3

Session IX
Workshops Session

8:30AM-11:00AM Registration

8:30AM-9:15AM

**Professor Mary Choi**
*Autophagy in diabetic nephropathy*

Chairpersons Dr. Anand Hardikar & Damien Chaussabel

9:15AM-9:45AM Workshop Presentation I

**Dr. Dewolf Dominique**

*Presentation Title: MicroRNA global profiling using Open Array technology*

9:45AM -10:15AM Workshop Presentation II

*Presentation Title and sponsor: TBA*

10:15AM-10:40AM Workshop Presentation III

**Dr. Andrzej Januszewski**

*Presentation Title: Cluster analysis, logistic regression, penalized logistic in diabetes research*

10:30AM-10:40AM A/Professor Khalid Fakhro

Best poster prize by for students
Display all posters after the morning refreshment break of the conference second day

10:40AM-10:50AM Dr. Ammira Akil

*Meeting outcomes, vote of thanks and meeting close.*

10:40AM-10:50AM Lunch Break
Note
The Open Array Technology- Hands-on Training Workshop hosted by Sedeer Medical will run in parallel with the QNRF-CODUS conference on the 12th of April. Should you choose to attend the workshop below, the venue will be at Sidra-Out Patient Clinic in Education City.

10:00AM-3:00PM  Hands on workshop-3: Open array technology- Hands-on training workshop
Seeder Medical, Qatar