

# Cape Town Cardiac Disease in Pregnancy Symposium

## From bench-to-bedside-to-population studies



**28-29 September, 2016**

**Venue: Hatter Institute for Cardiovascular Research in Africa**  
5<sup>th</sup> Floor Chris Barnard Building, Faculty of Health Sciences, University of Cape Town  
Cape Town, South Africa

The Cardiovascular Diseases in Pregnancy Symposium is a highly interactive meeting on the importance of cardiovascular pathology in maternity, a great concern in South Africa, Africa and worldwide.

It aims to provide up-to-date information on a range of topics, e.g. physiological changes in pregnancy, cardiac diseases in maternity, their pathological mechanisms, current management and diagnosis and clinical research and therapies. We aim to share research interests with a global “from-bench-to-bedside” overview, to improve knowledge and find novel research strategies to tackle the high cardiovascular maternal morbidity and mortality rate.

The keynote speakers are leaders in the field of cardiovascular diseases in pregnancy. Their work has allowed great advances in the pathophysiological understanding, diagnosis and management of women suffering from heart dysfunction during pregnancy.

An impressive line-up of cardiac and/or maternity specialists from South Africa, Germany and France will participate and it will be attended by physicians, scientists and students from all over South Africa.

We would like to welcome you to Africa’s Inaugural “Cardiovascular Disease in Pregnancy” Symposium together with global leaders in this field.

To register please send an email to Dr. Ferial Azibani ([feriel.azibani@uct.ac.za](mailto:feriel.azibani@uct.ac.za)).

**Prof Karen Sliwa & Dr Ferial Azibani**

Organizing committee

## Cardiovascular Diseases in Pregnancy Academic Programme - 28 September 2016

<b>9.00 – 9.25</b>	Registration – Tea and Coffee	
<b>Chair morning session – Prof Karen Sliwa (SA) and Prof Vera Regitz-Zagrosek (Germany)</b>		
<b>09.25 - 09.30</b>	Opening	Karen Sliwa (SA)
<b>09.30 - 10.00</b>	Sex difference in normal and pathological heart	Jane-Lise Samuel (France)
<b>10.00 - 10.30</b>	Physiological and pathological cardiac remodelling during pregnancy	Vera Regitz-Zagrosek (Germany)
<b>10.30 - 10.45</b>	Management of heart failure in African women	Sarah Kraus (SA)
<b>10.45 - 11.00</b>	Rheumatic heart disease in pregnancy	Liesl Zühlke (SA)
<b>11.00 - 11.15</b>	Coffee break	
<b>11.15 - 11.45</b>	Angiogenesis in the pregnant heart	Denise Hilfiker-Kleiner (Germany)
<b>11.45 - 12.00</b>	Imaging of the pregnant heart	Ntobeko Ntusi (SA)
<b>12.15 - 12.45</b>	Pulmonary hypertension and pregnancy outcome	Johann Baard (SA)
<b>12.45 - 13.30</b>	Lunch	
<b>Chair afternoon session – Prof Denise Hilfiker-Kleiner (Germany) and Prof John Anthony (SA)</b>		
<b>13.30 - 14.00</b>	Cardiovascular pathology and maternal death in South Africa	Priya Soma-Pillay (SA)
<b>14.00 - 14.30</b>	Pathophysiological mechanisms of Peripartum cardiomyopathy	Denise Hilfiker-Kleiner (Germany)
<b>14.30 - 15.00</b>	The role of calcium in hypertension and pre-eclampsia	Justus Hofmeyer (SA)
<b>15.00 - 15.30</b>	The EURObservational registry on Peripartum Cardiomyopathy: Results from the first 400 patients	Karen Sliwa (SA)
<b>15.30 - 15.45</b>	Circulating biomarkers in Peripartum Cardiomyopathy	Feriel Azibani (SA)
<b>15.45 - 16.15</b>	Systolic blood pressure and heart rate, predictors of outcome in Peripartum Cardiomyopathy	Elena Libhaber (SA)
<b>16.15 - 16.45</b>	Cardiac drugs in pregnancy	John Anthony (SA)
<b>16.45 - 17.15</b>	Late maternal deaths	Sue Fawcus (SA)
<b>17.15 - 17.20</b>	Closing	Karen Sliwa (SA)
<b>19.00</b>	Dinner	

## Cardiovascular Diseases in Pregnancy & Protect-Africa study Academic Programme - 29 September 2016

<b>9.00 – 11.00</b>	Clinical Visit Cardiac Disease Maternity, E17, Grootte Schuur Hospital	Karen Sliwa & John Anthony <sup>1</sup>
<b>11.30 - 13.00</b>	Post Graduate Workshop on Research Development	Research Mentors <sup>2</sup> Postgraduate students
<b>13.00 - 13.30</b>	Lunch	
<b>13.30 - 16.00</b>	Protect Africa: Data Analysis and early results	Kim Lamont (SA) Kimberley Keates (Australia) Kemi Tibazarwa (Tanzania) Sandra Pretorius (SA)

<sup>1</sup>: Clinicians are welcome to attend the clinical visit.

<sup>2</sup>: Research Mentors

**Prof Karen Sliwa** Hatter Institute (HICRA), University of Cape Town (SA)

**Prof Denise-Hilfiker-Kleiner** Dept of Cardiology and Angiology, MHH (Germany)

**Dr Jane-lise Samuel** Inserm U942, University Paris 7 (France)

**Prof Vera Regitz-Zagrosek** Berlin Institute of Gender in Medicine (GiM), Charité (Germany)

**Prof Priya Soma-Pillay** Steve Biko Academic Hospital, University of Pretoria (SA)

**Prof Sandrine Lecour** Hatter Institute (HICRA), University of Cape Town (SA)

**Prof Justus Hofmeyer** East London Complex, Walter Sisulu University (SA)

**Prof Elena Libhaber** School of Clinical Medicine, University of the Witwatersrand (SA)

Participants: All Postgraduate students are welcome to participate to the workshop.

Feriel Azibani (SA), Kim Lamont (SA), Kimberley Keates (Australia), Kemi Tibazarwa (Tanzania), Sandra Pretorius (SA),

Hedy Almeida (Spain), Aqeela Imamdin (SA), Johan Baard (SA), Sarah Kraus (SA)