

## ESC Congress 2015: Hot Lines Reveal Latest CVD research



During the upcoming ESC Congress 2015, six hot line sessions are expected to reveal the latest in cardiovascular research. Some of the hot topics that are to be covered include atrial fibrillation, pacing, acute myocardial infarction, heart failure, hypertension, diabetes mellitus, pharmacology and coronary artery disease.

Professor Genevieve Derumeaux, Chair of the Congress Programme Committee points out that breaking results from important studies will be revealed during the Congress such as the results from the ALBATROSS Trial using early aldosterone to limit adverse cardiac events and remodelling and findings from the CIRCUS trial that will demonstrate the effect of cyclosporine on clinical outcomes in STEMI patients.

"These results are highly anticipated since previous clinical trials on cardioprotective strategies in addition to conventional therapy in acute myocardial infarction were very disappointing," said Professor Derumeaux.

One session will be devoted completely to hypertension and novel studies including PATHWAY 2 which investigated optimal treatment of drug resistant hypertension will be presented.

Results from OptiLink HF will also be presented and in diabetes, the impact of sitagliptin on cardiovascular outcomes will be presented. "This study is highly relevant since diabetes drug development is mitigated by the potential for adverse cardiovascular events," said Professor Derumeaux.

In addition, results from the PLATFORM study will also be discussed in the session dedicated to coronary artery disease. The trial tested diagnosis with computed tomography (CT)-derived fractional flow reserve to decide whether or not to revascularise. This study is in line with recent ESC guidelines on myocardial revascularisation recommending the use of FFR before revascularisation.

In totality, 27 hot lines will be presented and state of the art science will also be revealed in the 50 clinical trial updates. The scientific programme will feature around 4500 participants and the congress theme "Environment and the Heart" will provide interesting and up-to-date material on cardiovascular diseases and prevention.

"Journalists may be particularly interested in the registry about cold temperature and risk of ischaemic stroke in atrial fibrillation," said Professor Derumeaux. "A novel registry on carbonated beverages and out-of-hospital cardiac arrest is another one to look out for."

Nobel Prize laureate Professor Elizabeth H. Blackburn will present the keynote lecture in the Inaugural Session and chair sessions on premature ageing and cardiovascular disease. "Professor Blackburn will share her extensive knowledge on how cardiovascular disease may lead to premature ageing and thereby increase the severity of disease," said Professor Derumeaux.

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