

Fellowship Opportunity at Lankenau Institute for Medical Research funded by the Lankenau-Israel Strategic Alliance

The mission of the **Lankenau-Israel Strategic Alliance (LISA)** is to build bridges for collaboration by fostering mutually beneficial and rewarding research and clinical exchanges between physicians and scientists within the Lankenau Medical Center and Israeli Medical Centers under the umbrella of the Israel Heart Society. This strategic alliance will facilitate an exchange of information aimed at advancing our understanding of cardiac disease, with an initial emphasis on heart rhythm disorders, and the development of novel approaches to therapy.

The program aims to cross-fertilize cardiology research and clinical practice between the Lankenau Medical Center (LMC) and the Israeli Heart Institute (IHS), thereby enriching and accelerating research and practice at both locations, and thus make impactful advances in the study and treatment of a) atrial fibrillation, b) inherited sudden cardiac death syndromes and SIDS, and c) tissue and organ bioengineering.

For the 2017-2018 fiscal year of LISA, LMC is inviting a physician -scientist to obtain basic science training in the Cardiovascular Research Program at the Lankenau Institute for Medical Research under the direction of Dr. Charles Antzelevitch for a period of 1 year. The candidate may be a PhD, MD or PhD/MD. Annual salary will be \$48,000 with up to \$4,500 of travel reimbursement.

The candidate will be able to participate in programs focused on: 1) the electrophysiological basis for AF and novel approaches to pharmacological therapy of AF; 2) the electrophysiological and genetic basis for the development of inherited cardiac sudden death syndromes, including the Long, Short QT, Brugada and Early repolarization syndromes; 3) the use of induced pluripotent stem cell-derived cardiomyocytes to recapitulate inherited cardiac arrhythmia syndrome phenotypes; or 4) bioengineering of new hearts by reseeded decellularized scaffolds with progenitor cells.

The Lankenau Institute for Medical Research (LIMR), located in Wynnewood, Pennsylvania USA, is a world-renowned Institute dedicated to basic, clinical and translational biomedical research, with a focus on cardiovascular disease and cancer. The Lankenau Medical Center is home to a number of other excellent and renowned electrophysiologists including Drs. Peter Kowey and Gan-Xin Yan, with whom the candidate will interact. The selected candidate will be able to attend seminars and conferences and interact with the clinical faculty even though he/she will not be able to do procedures and see patients directly.

To apply, please e-mail your CV and three references to Dr. Michael Glikson, President of the Israel Heart Society to the following address: president@israel-heart.org.il.

Applications deadline : **February 12, 2017**