

AFIC Supported Publications

- **Van Wagoner, David R. Metaboelectric Signaling in the Diseased Heart. *J. Mol. Cell. Cardiol.*, 40:333-334, 2006.**
- ***Van Wagoner, David R. Atrial Fibrillation: Current Challenges and Future Hopes. The Biomedical Review Letter*, 1(10):1-4, March 2006.**
- **Ram, R. and D.R. Van Wagoner, Aldosterone Antagonism as an Antiarrhythmic Approach for Atrial Arrhythmias in Heart Failure. *J. Cardiovasc. Electrophysiol.*, 17:542-543, May 2006.**
- **Ryu K., L. Li, C.M. Khrestian, N. Matsumoto, J. Sahadevan, M.L. Ruehr, D.R. Van Wagoner, I.R. Efimov, A.L. Waldo. Effects of Pericarditis on Connexins 40 and 43 in the atria – Correlation with Abnormal Conduction and Atrial Arrhythmias. (accepted pending minor revision, *Am. J. Physiology Heart/Circ.*) 2006.**
- **Carnes, C.A., P.M.L. Janssen, M.L. Ruehr, H. Nakayama, T. Nakayama, S.J. Dech, L. Castel, M. Lamorgese, J.A. Bauer, M.K. Chung, A.M. Gillinov, I.M. Fearon, R.L. Hamlin and D.R Van Wagoner. Atrial Glutathione Content, Calcium Current and Contractility. *Journal of Biological Chemistry* (ms. in review).**

Abstracts of Projects Still in Publication Process

- **Mountantonakis, S.E., R. Ram, A.M. Gillinov, M.K. Chung, D.R. Van Wagoner. The Role of T-cells as Inflammatory Mediators in Perpetuation of Atrial Fibrillation. Heart Rhythm Vol. 3, Issue 5 (Supplement), Page S112) 2006.**
- **Ram, R., M.L. Ruehr, S. Mountantonakis, M.K. Chung, A.M. Gillinov, D.R. Van Wagoner. “Left Atrial Connexin 43 Expression, Phosphorylation and Distribution in Human Atrial Fibrillation. Heart Rhythm Vol. 3, Issue 5 (Supplement), Page S221, 2006.**
- **Mountantonakis, S.E., R. Ram, A.M. Gillinov, M.K. Chung, D.R. Van Wagoner, Evidence of Phagocytosis and Oxidative Injury in Left Atrial Appendage of Patients With Atrial Fibrillation. Heart Rhythm Vol. 3, Issue 5 (Supplement), Page S227, 2006.**

AFIC related presentations

- ***“Cellular Mechanisms and Animal Models of Atrial Fibrillation,”*** invited symposium presentation in the session ***“Atrial Fibrillation: Overview of Pathophysiology and Clinical Management,”*** at the American College of Cardiology annual meeting, Atlanta, GA, March 13, 2006.
- ***“The Role of T-cells as Inflammatory Mediators in Perpetuation of Atrial Fibrillation,”*** poster presentation at the Heart Rhythm Society meeting, Boston, MA, May 17, 2006.
- ***“Evidence of Phagocytosis and Oxidative Injury in Left Atrial Appendage of Patients With Atrial Fibrillation,”*** poster presentation at the Heart Rhythm Society meeting, Boston, MA, May 19, 2006.
- ***“Left Atrial Connexin 43 Expression, Phosphorylation and Distribution in Human Atrial Fibrillation,”*** poster presentation at the Heart Rhythm Society meeting, Boston, MA, May 19, 2006.
- Invited symposium speaker in the Clinical Tutorial, ***“Inflammation and AF,”*** at the Heart Rhythm Society meeting, Boston, MA, May 18, 2006.
- Invited symposium speaker in the Clinical Tutorial, ***“Bioenergetics, Senescence and Arrhythmogenesis,”*** at the Heart Rhythm Society meeting, Boston, MA, May 20, 2006.
- ***“Molecular Remodeling in Atrial Fibrillation,”*** invited symposium presentation in the session, ***“Bioenergetics, Senescence and Arrhythmogenesis,”*** at Cardiostim 2006, Nice, France, June 14, 2006.
- ***“What drives the pro-thrombotic state in atrial fibrillation,”*** invited symposium presentation in the session, ***“Bioenergetics, Senescence and Arrhythmogenesis,”*** at the World College of Cardiology, Barcelona, Spain, September 4, 2006.
- ***“Genetics of Atrial Fibrillation,”*** invited symposium presentation at the 2006 annual meeting of the NE Ohio Society of Pacing & Electrophysiology, Cleveland, OH 9/20/2006.