AQIX® Solution Technology Publications

Papers – published


TOSHINAGA OZEKI, PhD; MICHAEL H. KWON, BS; JUNYAN G.U, PhD; MICHAEL J. COLLINS, BS; JOHN M. BRASSIL, BS; MICHAEL B. MILLER JR, BS; RAO P. GULLAPALLI, PhD; JIACHEN ZHUO, MS; RICHARD N. PIERSON III, MD; BARTLEY P. GRIFFITH, MD; ROBERT S. POSTON. (2007): Heart Preservation Using Continuous Ex Vivo Perfusion Improves Viability and Functional Recovery. Circ J., 71; 153 –159.


Proceedings of the Physiological Society of New Zealand, 14; 19 pp.


REES, D., BEHAN, P.O., BEHAN W.M.H. and SIMPSON, J.A. (1977): Attempts to passively transfer myasthenia gravis from humans to mice. 7th Symposium on Current Research into Muscular Dystrophy. (Birmingham, January 5-7, 16 pp).

AUDIT TRIAL REPORTS:

D. Bunton, E. Cooper and D. Smith; Biopta Ltd, Glasgow, UK. Biopta Technical Summary - Validation of Ex Vivo Human Atrial Trabeculae [July, 2008]

K. Newton, Ph.D., Cell Medica, Royal Free Hospital, London, UK and D. Rees, Ph.D., Aqix Ltd, Imperial College London, UK. Assessment of a novel non-phosphate buffered solution, AQIX® RS-I, in the isolation and 24-hour culturing of human PBMC’s in comparison to RPMI medium. [April, 2008]

F Jamali, S Darwiche, Z Otrock, N El-Kinge , M El-Sabban, Faculty of Medicine, American University of Beirut Medical Center, Beirut, Lebanon, and D. Rees, Aqix Ltd, Imperial College London, UK.


Phase II - Assessment of a novel non-phosphate buffered solution, AQIX® RS-I, as a volume expander in a porcine model of hypovolemic shock in comparison to LR Saline and Whole Autologous Blood. [March, 2008]

D. Bunton, E. Cooper and D. Smith; Biopta Ltd, Glasgow, UK. Ex Vivo Human Atrium Contractility Assays: Pharmacological Responsiveness to the Vasoreactive Drug, Milrinone (Primacor®). (June, 2007)

D. J. Chambers, Cardiac Surgical Research, The Rayne Institute, St Thomas’ Hospital, London, UK. AQIX® CARDIOPLEGIA: a study to determine the efficacy of Aqix (RS-C) cardioplegia in comparison to that of St Thomas’ Hospital cardioplegia. [February, 2007]

M. Tarunina, B. Hushe, Y. Choo, Plasticell Ltd., Imperial College Incubator, London, UK. Incubation of ES-derived mouse cardiomyocytes in AQIX® RS-I medium verses a conventional tissue culture medium: long-term viability study. (July, 2007)


Audit Trial Report I: Comparative study with conventional hypothermic preservation solutions. [January, 2005]
Audit Trial Report II:
(i) A comparison of a novel phosphate-free preservation solution and a standard hypothermic method in renal allografts. [January, 2005]
(ii) Static normothermic preservation of renal allografts using a novel non-phosphate buffered preservation solution. [January, 2005]

Audit Trial Report III: Assessment of a novel non-phosphate preservation solution, AQIX® RS-I, under hypothermic and normothermic static storage conditions. [May, 2005]


CRO – Reports


Company BULLETIN publications:


**Bulletin No.3** Historical Repercussions: Donor Organ Transplantation (1994)

**Bulletin No.4** Toxicity of Ingredients in Current preservation Solutions (1994)

**Bulletin No.5** AQIX® RS-C - A Cardioplegic device for use in Cardiothoracic Surgical Procedures (2008)

**Bulletin No.6** The Quest - A universal mammalian organ and tissue
perfusate and preservation solution (2008)

************************************************