

**CLINICAL CURRICULUM VITAE**  
**Tiziano M. Scarabelli, MD, FACP, FAHA, FACC, MAMDA**

**PERSONAL INFORMATION**

Name: Tiziano Maria Scarabelli

Citizenship: Italian and American

Foreign Language(s): Italian

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**CLINICAL and ADMINISTRATIVE EXPERIENCE:**

- Internal Medicine
- Urgent care
- Chronic care
- Post-acute care and long term care
- General cardiology
- Cardio-oncology
- Imaging (echocardiography, nuclear cardiology)
- Mentoring medical students, MDs, and middle level providers (NPs and PAs)
- Establishing educational activities (webinar, teaching modules)
- Apical management
- Establishing and running a cardio-oncology unit.
- Establishing and running a cardio-oncology echocardiogram unit.
- TeleMedicine
- Tele-cardiology

**E.U. EDUCATION & POSTDOCTORAL TRAINING:**

• 11/01/1982 to 11/05/1990; **Doctor of Medicine**, with honors (110/110 magna cum laude); University of Turin, Turin, Italy

• 11/1/1993 to 10/31/1995; European Community **Fellowship in Clinical Pathology**; University of Turin, Turin, Italy

• 11/1/1995 to 10/31/1999; European Community **Fellowship in Cardiology**; University of Brescia, Brescia, Italy

### **U.S.A. POSTDOCTORAL TRAINING**

- 7/1/2009 to 6/30/2012; **Internal Medicine Residency**; Henry Ford Hospital/Wayne State University, Detroit, MI, USA
- 7/1/2012 to 6/30/2015; **Cardiology Fellowship**; Mount Sinai Heart/Icahn School of Medicine at Mount Sinai, New York, NY, USA
- 7/1/2014 to 6/30/2015; **Cardiac Oncology training**. Mount Sinai Heart/Icahn School of Medicine at Mount Sinai, New York, NY, USA

### **MILITARY SERVICE:**

Medical Officer, Italian Air Force, Division of Cardiology. 1991-1992

### **ACTIVE USA MEDICAL LICENSES**

- **Michigan Board of Medicine**
- **Virginia Board of Medicine**
- **New York State Board of Medicine**
- **Maryland Board of Medicine**
- **District of Columbia (DC) Board of Medicine**
- **Florida Board of Medicine**
- **Interstate Medical Licensure Compact (IMLCC): Arizona, Ohio, Wisconsin, Oklahoma, Kentucky, New Hampshire, Georgia.**

### **MAINTENANCE OF CERTIFICATION (MOC) STATUS**

Enrolled and active for both Internal Medicine and Cardiology

### **ACTIVE BOARD CERTIFICATIONS**

- **American Board of Internal Medicine (ABIM): August 2014, Internal Medicine, CERTIFIED\*\*\*\*\***
- **American Board of Internal Medicine (ABIM): November 2016, Cardiovascular Medicine, CERTIFIED\*\*\*\*\***

### **U.S.A. CLINICAL-ACADEMIC RESPONSIBILITIES**

- **September 2022 to November 2022 - Chief Clinical Officer THEORIA MEDICAL**

Theoria Medical is a comprehensive medical group and technology company dedicated to serving patients across the care continuum with an emphasis on post-acute care and long term care.

- **July 2022 to September 2022 - Attending physician with Medical Director capacity at Richmond correctional facility (RCJC)**

- **November 2020 to July 2022 - POLARIS HEART AND VASCULAR CENTER**

Clinical responsibilities and duties include:

- A. Management of a high volume **general cardiology** and **cardiac oncology clinical practice**
- B. Direct supervision of clinical staff, including 2 nurse practitioners and one physician assistant
- C. Interpretation of **electrocardiograms** (>2000 readings, **transthoracic echocardiograms** (>1000 readings), **exercise and pharmacological nuclear studies** (450 readings). Logs available upon request.
- D. Execution of **treadmill exercise stress tests** (>200 tests, log available upon request)
- E. Interpretation of **Holter monitoring** (>100 readings, log available upon request).

- **March 2020 to present - AMWELL Telehealth urgent care clinical practice**

- **March 2022 to present - TELADOC Telehealth urgent care clinical practice**

- **March 2020 to July 2022 - K Health, telemedicine clinical practice.**

- **March 2003 to present - Director, Center for Heart and Vessel Preclinical Studies**, St John Hospital and Medical Center, Detroit, MI, USA. Responsibilities include training and mentoring of medical students, internal medicine residents, cardiology fellows, as well as pharmacology and pathology PhD students, translational research, and educational activities, such as teaching, and teaching rounds.

## **PRIOR U.S.A. CLINICAL-ACADEMIC ROLES**

- **February 2017 to September 2018**; Director, Cardio-Oncology Services, Division of Cardiology, Virginia Commonwealth University (VCU) Medical Center, Associate Professor; Department of Internal Medicine, Virginia Commonwealth University. Duties included coverage of the Cardiology Floor, leadership of the cardiac Oncology Unit, coverage of inpatient and outpatient Consult Service for General Cardiology and Cardiac Oncology.

- **August 2015 to August 2016**; Associate Professor of Medicine, Department of Internal Medicine, Division of Cardiovascular Disease, UAB, Birmingham, Alabama and Department of Internal Medicine, Division of Cardiology, Veterans Affairs Medical Center (Birmingham VA). Clinical duties included: coverage of the Cardiology Floor, coverage of the Coronary Intensive Care Unit, establishment of an independent Cardiac Oncology Clinic and of an attendant

Echocardiogram Unit, coverage of inpatient and outpatient Consult Service for General Cardiology and Cardiac Oncology, reading transthoracic echocardiograms (over 1600), reading stress echocardiograms (over 300), performing TEEs and TEE-guided DC cardioversions (over 100), pre-surgical evaluations and cardiology consults via Telemedicine.

- **August 2003 to December 2016**; Associate Professor FTA; Department of Internal Medicine; Wayne State University, Detroit, MI, USA. Duties included educational and clinical responsibilities, including teaching medical students and hold teaching rounds.
- **August 2005 to December 2016**; Associate Professor FTA; Department of Pharmacology; Wayne State University, Detroit, MI, USA. Educational responsibilities included teaching to medical and PhD students of clinical guidelines regarding the medical treatment of diverse cardiovascular conditions.

### **PROFESSIONAL SOCIETIES AND MEMBERSHIPS**

1. Professional Member of the **American Association for Post-Acute and Long-Term Care (AMDA)**; 2022 current
2. Fellow of the American College of Cardiology (**FACC**), November 2017 to present
3. Fellow of the American College of physician (**FACP**), November 2014 to present
4. Fellow of the American Heart Association (**FAHA**); November 2005 to present
5. Member of the **Council on Basic Cardiovascular Sciences**, American Heart Association; 2000 to present
- 6) Professional Member of the **American Heart Association and American Stroke Association**; 2003 to present

### **AWARDS/HONORS:**

- 1) **“Honors of printing”** awarded by the Academic Committee of the Faculty of Medicine, University of Turin, to the medical degree thesis entitled: Calcium antagonism and regression of left ventricular hypertrophy, November 1990
- 2) **Second prize at the University College London Postgraduate Poster Competition** with the abstract entitled: A Novel Role For Endothelial Cells In Ischaemia/Reperfusion Injury: Can They Really Commit Myocytes To Suicide? London, September 2000.
- 3) **First Prize 2000 Poster Competition Italian Society of Cardiology** with the original contribution entitled: A Role For Stat-1-Mediated Enhancement Of FasL Expression In Apoptosis Induced By Ischaemia/Reperfusion Injury? Rome, December 2000.
- 4) **2001 AHA New Investigator Award, Basic Cardiovascular Council of the American Heart Association.** The title of the awarded original contribution is “Minocycline, A Second Generation Tetracycline With Proven Safety, Protects Cardiac Myocytes Against Both Ischaemic And Reperfusion Injury” . Seattle, August 2001
- 5) **2003 AHA Early Career Investigator Abstract Travel Award, Basic Cardiovascular Council of the American Heart Association.** The title of the awarded original contribution is “Minocycline, A Novel Cardioprotective Agent, Inhibits Caspase Activation And Reactivation By Increasing The Ratio Of Xiap To Smac/Diablo And Reducing Mitochondrial Leakage Of Cytochrome C And Smac/Diablo” . Orlando, November, 2003.
- 6) **Fellow of the American Heart Association (FAHA),** Dallas, November 2005, induction by the Basic Cardiovascular Council of the American Heart Association
- 7) **School of Medicine Teaching Award for “exceptional teaching contributions”,** November 2007, selected by the WSU School of Medicine Executive Committee
- 8) **“2007 Prominent Medical Writer”,** nominated by the International Journal of Cardiology Editorial Board, for “number one most downloaded medical article in 2007” from the International Journal of Cardiology Website”
- 9) **Medical Student Outstanding Teacher of the Year Award 2009-2010, Henry Ford Health System Department of Medical Education.** Voted by medical students as outstanding teacher during my internal medicine residency training
- 10) **2013 Best Clinical Abstract Award, presented by the American College of Cardiology (ACC) Scientific Sessions.** The title of the awarded abstract is “Postoperative Atrial Fibrillation is Associated with Higher Euroscore, but not with Hospital Mortality after Coronary Artery Bypass Graft Surgery”

- 11) **2014 James Willerson Award Finalist.** 2nd Cardiovascular Forum for Promoting Centers of Excellence and Young Investigators. Winnipeg, Manitoba, Canada
- 12) **Fellow of the American College of physician (FACP),** November 1st, 2014, induction by the Award Council of the American College of Physician
- 13) **2015 Best Cardiovascular Team Poster Award, presented by the American College of Cardiology (ACC) Scientific Sessions.** The title of the awarded abstract is “Vasoactive action of carfilzomib, a new proteasome inhibitor, on coronary resistance, vascular tone and vascular reactivity”
- 14) **Clinical Article of The Year Award, presented by the American Heart Association (AHA) Scientific Sessions.** The title of the awarded manuscript is: “Device-detected atrial fibrillation. What do we do with asymptomatic patients?”, Published in JACC, 2015

#### **COUNCILS AND COMMITTEES:**

Member of the Scientific Executive Committee of the International Academy of Cardiology, 2008 to present

#### **EDITORIAL BOARD MEMBERSHIPS/SERVICE:**

**Invited Abstract Reviewer,** American Heart Association Scientific Sessions, Since 2000

**Invited Abstract Reviewer,** International Academy of Cardiology Scientific Sessions, since 2005

Invited reviewer for the following journals:

- 1) Medical Science Monitor, since 2002
- 2) Circulation, journal of the American Heart Association, since 2003
- 3) International Journal of Cardiology, since 2003
- 4) JACC, journal of the American College of Cardiology, since 2004
- 5) Cell Death and Differentiation, Nature Publisher, since 2004
- 6) Apoptosis, since 2004
- 7) European Heart Journal, since 2004
- 8) Journal of Thoracic and Cardiovascular Surgery, since 2004
- 9) Current Cardiology Review, since 2004
- 10) Current Medicinal Chemistry, since 2004
- 11) Journal of Molecular Histology, since 2004
- 12) FEBS Letters, since 2004
- 13) Drugs and Aging, since 2004
- 14) Cardiovascular Drug & Therapy, since 2007

- 15) American Journal of Geriatric Cardiology, since 2007
- 16) Food and Chemical Toxicology, since 2008
- 17) Chemical-Biological Interactions, since 2008
- 18) Annals of Medicine, since 2008
- 19) Journal of Hypertension, since 2010
- 20) Molecular Biology reports, since 2010
- 21) Journal of the American Society of Echocardiography (JASE), since 2016

- 1) Editorial Advisory Board Member: "Recent Patent Reviews on Cardiovascular Drug Discovery"; Bentham Science, since 2005
- 2) Editorial Advisory Board Member: "The American Journal of Geriatric Cardiology", since 2007
- 3) Editorial Advisory Board Member: "World Heart journal", since 2010
- 4) Editorial Advisory Board Member: "Frontiers in bioscience", since 2010
- 5) Editorial Advisory Board Member: " Journal of Pharmaceutics & Drug Delivery Research", since 2013
- 6) Editorial Advisory Board Member: " Journal of Cardiology and Therapy, since 2013
- 7) Editorial Board Member: Journal of Geriatric Cardiology, since 2014
- 8) Editorial Board Member: Journal of Cardiology and Therapy, since 2014

### **MAJOR RESEARCH INTERESTS**

#### **Diabetes in the PALTC population. Sarcopenia and nutrition in the PALTC population**

General cardiology clinical and translational work. Cardiac Oncology scholar. Cardioprotection against doxorubicin and other cardiotoxic agents. Cardioprotection against ischemia-reperfusion injury.

### **TEACHING EXPERIENCE:**

- Mentoring and clinical supervision of medical directors, physicians, junior physicians and middle level providers, including nurse practitioners and physician assistants (multiple collaborative agreements).
- Course Director, Clinical approach to the basic understanding of electrocardiogram. Audience: 3rd year Medical Students. Venue: St John Hospital. Number of courses per academic year: six; since 2004 to 2015
- Course Co-Director, Cardiovascular Pathophysiology. Audience: 2nd year Medical Students, Venue: Wayne State University. Number of courses per academic year: one; since 2004 to 2015

- Course Instructor, Cardiovascular Pharmacology. Audience: 2nd year Medical Students. Venue: Wayne State University. Number of courses per academic year: one. Since 2004 to 2015
- Teaching Rounds, Clinical and Translational Aspects of Cardiovascular Medicine. Audience: Medical Students, Internal Medicine Residents and Cardiology Fellows; Venue: St John Hospital/Wayne State University, Number of courses per academic year: 2; since 2004 to 2015
- Adjunct Graduate Faculty appointment, Wayne State University, August 2006: This appointment will allow me to serve on any dissertation or thesis committee as a coadvisor/research mentor to any masters or PhD student. Since 2006 to 2015

### **MAJOR LECTURES AND VISITING PROFESSORSHIPS**

1. **Pain management in the post-acute care long-term care population.** 2022 MI-NADONA Annual Meeting. CME event and podcast presentation. October 2022.
2. **Interplay of different cell death mechanisms in the explanted human heart.** 24th World Congress on Heart Disease, International Academy of cardiology, Boston, Scientific Sessions, July 2020.
3. **Spasmogenic action of on arterial and venous conduits from patients undergoing coronary artery bypass graft surgery.** 22st World Congress on Heart Disease, International Academy of Cardiology, Vancouver, Scientific Sessions, July 2017.
4. **Cardiovascular effects of carfilzomib, a new proteasome inhibitor, on coronary artery resistance, vascular tone and vascular reactivity.** 21st World Congress on Heart Disease, International Academy of Cardiology, Boston, Scientific Sessions, July 2016.
5. **Role of minocycline in myocardial ischemia-reperfusion injury: an old drug with new implications.** 19th World Congress on Heart Disease, International Academy of Cardiology, Boston, Scientific Sessions, July 2014.
6. **Failure to overexpress urocortin following cardioplegic arrest makes the heart of diabetic patients undergoing on-pump coronary artery bypass grafting more susceptible to apoptosis and cardiac dysfunction.** 18th World Congress on Heart Disease, International Academy of Cardiology, Vancouver, Scientific Sessions, July 2013.
7. **Urocortin-mediated STAT-3 activation is induced by expression and release of IL-6.** 17th World Congress on Heart Disease, International Academy of Cardiology, Toledo, Scientific Sessions, July 2012.



8. **Emerging roles of urocortin in ischemia/reperfusion injury: cardiac biomarker and endogenous peptide of cardioprotection.** Mount Sinai School of Medicine, New York. December 2011.
9. **Ruolo dell'autofagia nel cuore umano.** Department of cardiovascular surgery, University of Verona. November 2011.
10. **Occurrence of Autophagy and Bridging of the Autophagic Process to Apoptotic and Necrotic Cell Death in the Human Heart with End-stage Heart Failure.** 16th World Congress on Heart Disease, International Academy of Cardiology, Vancouver, Scientific Sessions, July 2011.
11. **Cardiac surgery and molecular biology: role of cardiac urocortin in the human heart exposed to cardioplegic arrest.** Core Colloquium in Cardiac Surgery, March 26, 2010, University of Verona.
12. **Cardiac release of urocortin precedes the occurrence of irreversible myocardial damage in the rat heart exposed to ischemia/reperfusion injury: Genesis of a new clinical marker of sublethal cardiac ischemia?** Molecular regulation of cardiac disease symposium. 14th & 15th May 2009, RIBA, London.
13. **Urocortin release from ischemic, though viable, cardiac cells, anticipates the occurrence of irreversible injury.** 14th World Congress on Heart Disease, International Academy of Cardiology, Toronto, Annual Scientific Sessions 2008.
14. **Amino acid supplementation differentially modulates STAT-1 and STAT-3 activation in the myocardium exposed to ischemia/reperfusion injury.** Invited speaker 2nd International meeting on food, phytotherapeutic compounds and health, Verona, September 2007.
15. **Urocortin the endogenous peptide of cardioprotection: A new way to protect the human heart exposed to cardioplegic arrest?** University of Quebec, Montreal, December 2006.
16. **Role of apoptotic cell death in ischemia/reperfusion injury.** Lecture – Department of cardio-thoracic surgery, University of Verona. November 2006.
17. **Endogenous urocortin in the protection of the human heart against iatrogenic ischemia/reperfusion injury.** Invited speaker, 1st Cardiovascular Symposium on Cardioprotection; Joint Organizing Committee: University of Geneva, University of Vienna and University of Verona; Verona, June 2006.
18. **Cardiac ischemia nowadays: where are we heading?** GME accredited Lecture. Department of Family Medicine, St John Hospital Oakland, July 2005.

19. **Urocortin and Cardioprotection in the multifaceted damage by ischemia/reperfusion injury.** Ground Rounds Lecture – Wayne State University, Department of Pharmacology, Detroit. June 2005.
20. **Endothelial cells in the rat heart exposed to ischemia/reperfusion injury.** Cardiology Lectures Program - St John Hospital and Medical Center. Detroit. June 2005.
21. **Role of Complementary Cardioprotective Agents in Reducing Cardiac Cell Loss Following Ischemia Reperfusion Injury.** Ground Rounds Lecture – St John Hospital and Medical Center. Detroit. October 2004
22. **Minocycline as a novel cardioprotective agent against ischemia/reperfusion injury.** North Shore – Long Island Jewish Health System. Inhibition of Matrix Metalloproteinases: Expanding the Horizons. A Multidisciplinary Conference. Crowne Plaza LaGuardia Hotel, East Elmhurst, New York. October 2004
23. **Cardiovascular effects of endogenous and exogenous urocortin.** Center for Molecular Cardiology, Drexel University College of Medicine, Hahnemann University Hospital, Philadelphia, Pennsylvania, 2003
24. **Different signaling pathways account for endothelial and myocyte apoptosis during ischemia/reperfusion injury.** Developmental Biology Unit; Institute of Child Health, University College London, London, 2002
25. **Apoptotic cell death in the course of cardiac ischemia/reperfusion injury.** Medical and Molecular Biology Unit; Institute of Child Health, University College London, London, 2001
26. **A novel role for endothelial cells in ischemia/reperfusion injury: can they really commit myocytes to suicide?** Biochemistry, Endocrinology and Metabolism unit; Institute of Child Health, University College London, London, 2000

#### **GRANT SUPPORT:**

1. Italian Society of Cardiology Fellowship Grant (\$ 12.000). Awarded as PI. Host Institution: Hatter Institute and Centre of Cardiovascular Research, University College London, London, England. Mentor: Prof Dereck Yellon. April-September 1998.
2. Italian Society of Cardiology Fellowship Grant (\$ 25.000). Awarded as PI. Host Institution: Hatter Institute and Centre of Cardiovascular Research, University College London, London, England. Mentor: Prof Dereck Yellon. October 1998 – September 1999.

3. European Society of Cardiology Young Investigator Fellowship Grant (\$ 30.000). Awarded as PI. Host Institution: National Heart and Lung Institute, Imperial College London, London, England. Mentor: Prof. Richard Knight. July-December 1999.
4. UCL Graduate School Research Scholarship for a MPhil/PhD degree in the field of Molecular Pathology. Host Institution: Institute of Child Health and Great Ormond Street Hospital, London, England. Mentor: Prof. David Latchman. December 1999 – November 2002
5. St John Hospital GME Research Grant (\$ 15.000). Awarded as PI. Grant title: Effects of Oral Amino Acid Supplementation on Mitochondrial ATP Production, Protein Contents, and Proportion of Myosin Isoenzymes in Skeletal and Cardiac Muscles of Aging Rats. July 2003.
6. St John Hospital GME Research Grant (\$ 13.000). Awarded as PI. Grant title: A role for urocortin in the failing human heart? September 2003.
7. Pfizer IRG Committee (\$10.000). Awarded as PI. Grant title: Sildenafil And Ischemic-Induced Mitochondrial Dysfunction In Cardiac Myocytes. to the Pfizer IRG Committee. Funded in the amount of \$10.000. June 2004.
8. St John Hospital GME Research Grant (\$ 23.000). Awarded as PI. Grant title: A role for sildenafil in nitric oxide-mediated cardioprotection against ischemia/reperfusion injury. Submitted to the St John Hospital GME Committee. Funded in the amount of \$ 23.000. September 2004.
9. St John Hospital GME Research Grant (\$ 38.000). Awarded as PI. Grant title: A role for urocortins and cognate receptors in the human failing heart. Submitted to the St John Hospital GME Committee. Funded in the amount of \$ 38.000. This amount was used to hire a new postdoctoral fellow via the Department of Pharmacology, Wayne State University. July 2006.
10. St John Hospital GME Research Grant (\$ 25.000). Awarded as PI. Grant title: A role of urocortin serum levels in the differential diagnosis between cardiac and non-cardiac chest discomfort. Submitted to the St John Hospital GME Committee. Funded in the amount of \$ 25.000. July 2011.

## **BIBLIOGRAPHY**

## MANUSCRIPTS

### ORIGINAL OBSERVATIONS IN REFEREED JOURNALS

1. **T.M. Scarabelli**, C. Daglio, G. Viberti. Mansioni e responsabilita emergenti nel patologo clinico di “nuova generazione”. **Il patologo clinico** 9:592-96, 1994
2. S. Dalla Volta, E. Paciaroni, G. Gambini, D. Bracchetti, P.C. Pavesi, G. Leonardi, O. Visioli, R. Ferrari. R. Confortini, D. Mereu, G. Scorcu, G. Ferrari, A. Botto, C. Mazzola, A. Vaccarella, F. Bacca, V. De Giorgi, M.R. Greco, F. Consolo, A. Consolo, E. Piccolo, C. Zanella, F. Rigo, A. Lotto, A. Finzi, A. Forzati, S. Ceravolo, S. Toccagni, D. Mazzoleni, A. Iacono, L. Irace, L. Fiocca, F.M. De Luca, S. Gasparini, R. Fanelli, R. Massaro, N. Cianfrone, P. Presbitero, **T.M. Scarabelli**, M. Vicenzi, A. Cera, G. Finocchi. Safety and efficacy study of Delapril versus Enalapril in patients with congestive heart failure. **Am J Cardiol** 75:44F-49F, 1995.
3. R. Raddino, **T.M. Scarabelli**. Apropos of cardiac auscultation. **Minerva Cardioangiol** 45:325-7, 1997.
4. **T.M. Scarabelli**, N.B. Rayment, T.J. Cooper, R.A. Knight, B. Brar, D.S. Latchman, G.F. Baxter, D.M. Yellon. Quantitative assessment of cardiac myocyte apoptosis in tissue sections using the fluorescence-based technique enhanced with counterstains. **Journal of Immunological Methods** 228:23-28, 1999.
5. Stephanou, B.K. Brar, **T.M. Scarabelli**, A.K. Jonassen, D.M. Yellon, MS Marber, R.A. Knight, D.S. Latchman. Ischaemia-induced Stat-1 expression and activation plays a critical role in cardiac myocyte apoptosis. **J Biol Chem** 275(14):10002-8, 2000.
6. Pugliese, D. Isnardi, A. Saini, **T.M. Scarabelli**, R. Raddino, D. Torre. Impact of highly active antiretroviral therapy in HIV-positive patients with cardiac involvement. **J Infect** 40(3):282-4, 2000.
7. R. Raddino, G. Pela, D. Uberti, C. Portera, R. Portera, **T.M. Scarabelli**, T.J. Cooper, C. Manca. Estrogen derivative relaxes rabbit aorta via the endothelial receptor system. **Ital Heart J** 2(1):49-54, 2001.
8. Stephanou A, **Scarabelli TM**, Brar BK, Nakanishi Y, Matsumura M, Knight RA,

- Latchman DS. Induction of apoptosis and Fas receptor/Fas ligand expression by ischaemia/reperfusion in cardiac myocytes requires serine 727 of the STAT-1 transcription factor but not tyrosine 701. **J Biol Chem** 276(30):28340-7, 2001.
9. Stephanou A, Brar B, **Scarabelli TM**, Knight RA, Latchman, DS. Distinct initiator caspase are required for the induction of apoptosis in cardiac myocytes during ischaemia versus reperfusion injury. **Cell Death & Differentiation** 8:434-435, 2001.
  10. **T.M. Scarabelli**, A. Stephanou, N.B. Rayment, E. Pasini, L. Comini, S. Curello, R. Ferrari, R.A Knight, D.S. Latchman. Apoptosis of endothelial cells precedes myocyte cell apoptosis in ischaemia/reperfusion injury. **Circulation** 104(3):253-6, 2001.
  12. **T.M. Scarabelli**, A. Stephanou, E. Pasini, L. Comini, R. Raddino, R. Ferrari, R.A. Knight, D.S. Latchman. Different signaling pathways induce apoptosis in endothelial cells and cardiac myocytes during ischaemia/reperfusion. **Circ Res** 90(6):745-8, 2002.
  13. **T.M. Scarabelli**, E. Pasini, A. Stephanou, L. Comini, S. Curello, R. Raddino, R. Ferrari, R.A. Knight, D.S. Latchman. Urocortin promotes hemodynamic and bioenergetic recovery and improves cell survival in the isolated rat heart exposed to ischemia/reperfusion. **J Am Coll Cardiol** 40(1):155-61, 2002.
  14. K. Lawrence, A. Chanalaris, **T.M. Scarabelli**, M. Hubanck, E. Pasini, L. Comini, R. Ferrari, A. Stephanou, R.A. Knight, D.S. Latchman. KATP Channel Gene Expression is induced by Urocortin and mediates its Cardioprotective Effect. **Circulation** 106(12):1556-62, 2002
  16. C. Chen-Scarabelli; **T.M. Scarabelli**. Comparison of troponin T and creatine Kinase-MB fraction in evaluating cardiac patients postoperatively. **J Am Coll Cardiol** 41(6):1065, 2003.
  17. Lorusso R, Pentiricci S, Raddino R, **Scarabelli TM**, Zambelli C, Villanacci V, Burattin A, Romanelli G, Casari S, Scelsi R, Giustina A. Influence of type 2 diabetes on functional and structural properties of coronary artery bypass conduits. **Diabetes**. 52(11):2814-20, 2003
  18. Lawrence KM, **Scarabelli TM**, Turtle L, Chanalaris A, Townsend PA, Carroll CJ, Hubank M, Stephanou A, Knight RA, Latchman DS. Urocortin protects cardiac myocytes from ischemia/reperfusion injury by attenuating calcium-insensitive phospholipase A2 gene expression. **FASEB J**. 17(15):2313-5, 2003.
  19. P. Townsend, **T.M. Scarabelli**, S.M. Davidson, R.A. Knight, D.S. Latchman A.

- Stephanou. STAT-1 interacts with p53 to enhance DNA damage-induced apoptosis. **J Biol Chem.** 279(7):5811-20, 2004.
20. P. Townsend, Cutress RI, Carroll C, Lawrence KM, **Scarabelli TM**, Packham GK, Stephanou A, Latchman DS. Bag-1 proteins protect cardiac myocytes from simulated ischemia/reperfusion-induced apoptosis via an alternate mechanism of cell survival independent of the proteasome. **J Biol Chem.** 14;279(20):20723-8.
  21. Pasini E, **Scarabelli TM**, D'Antona G, Dioguardi FS. Effect of amino acid mixture on the isolated ischemic heart. **Am J Cardiol.** 2004 Apr 22;93(8A):30A-34A.
  22. **TM Scarabelli**, A Stephanou, E. Pasini, G. Gitti, P Townsend, K Lawrence, C Chen-Scarabelli, L Saravolatz, D Latchman, R Knight, J Gardin. Minocycline inhibits caspase activation and reactivation, increases the ratio of xiap to smac/diablo and reduces the mitochondrial leakage of cytochrome c and smac/diablo. **J Am Coll Cardiol.** 43(5):865-74, 2004.
  23. **TM Scarabelli**, E. Pasini, G. Gitti, A Stephanou, C Chen-Scarabelli, L Saravolatz, R Knight, J Gardin. Nutritional supplementation with mixed essential amino acids enhances myocyte survival preserving mitochondrial functional capacity during ischemia/reperfusion injury. **Am J Cardiol.** 93(8A):35A-40A, 2004.
  24. **TM Scarabelli**, E. Pasini, G. Ferrari, M. Ferrari, A. Stephanou, K. Lawrence, P. Townsend, C. Chen-Scarabelli, G. Gitti, L Saravolatz, D Latchman, R. Knight, J. Gardin. Warm blood cardioplegic arrest induces mitochondrial-mediated cardiomyocyte apoptosis associated with increased urocortin expression in viable cells. **J Thorac Cardio Surg.** 128(3):364-71, 2004.
  25. Chen-Scarabelli C, **Scarabelli TM**. Myocardial injury and cardiac troponin I release after off-pump versus on-pump coronary surgery. **Circulation.** 110(4):e36; 2004.
  26. Chen-Scarabelli C, **Scarabelli TM**. Factors affecting graft patency: the operating room and beyond. **Circulation.** 110(6):e64; 2004.
  27. Townsend PA, **Scarabelli TM**, Pasini E, Gitti G, Menegazzi M, Suzuki H, Knight RA, Latchman DS, Stephanou A. Epigallocatechin-3-gallate inhibits STAT-1 activation and protects cardiac myocytes from ischemia/reperfusion-induced apoptosis. **FASEB J.** 18(13):1621-3; 2004.
  28. Chen-Scarabelli C, **Scarabelli TM**. Turning necrosis into apoptosis: the exacting task that can enhance survival. **Am Heart J.** 148(2):196-9; 2004.

29. Chen-Scarabelli C, **Scarabelli TM**. Modern pacemaker and implantable cardioverter/defibrillator systems can be magnetic resonance imaging safe: in vitro and in vivo assessment of safety and function at 1.5 t. **Circulation**. 111(23):e390; 2005.
30. Chen-Scarabelli C, Hughes SE, Landon G, Rowley P, Allebban Z, Lawson N, Saravolatz L, Gardin J, Latchman D, **Scarabelli TM**. A case of fatal ephedra intake associated with lipofuscin accumulation, caspase activation and cleavage of myofibrillary proteins. **Eur J Heart Fail**. 7(5):927-30; 2005.
31. Chen-Scarabelli C, **Scarabelli TM**. Suboptimal glycemic control, independently of QT interval duration, is associated with increased risk of ventricular arrhythmias in a high-risk population. **Pacing Clin Electrophysiol**. 2006 Jan;29(1):9-14.
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