

**STEPHEN E. MERCER, M.D., Ph.D.**

**CLINICAL APPOINTMENTS**

**Kessel Dermatology**

CLIA #31D2025770

CAP #8044328

Staff Dermatologist

Director of Dermatopathology

1700 Whitehorse Hamilton Square Road

Hamilton Square, NJ 08690

609-890-2600

**Mount Sinai School of Medicine**

Clinical Instructor

Departments of Dermatology and Pathology

One Gustave L. Levy Place

New York, NY 10029

212-241-9148

**EDUCATION**

**Mount Sinai School of Medicine**, New York, NY

Dermatopathology Fellow, July 2009 – June 2011

Anatomic Pathology Resident, July 2007 – June 2009

**SUNY Upstate Medical University**, Syracuse, NY

MD/PhD, August 2000 – May 2007

*Dissertation (with Honors) – Serine/threonine kinase Mirk/Dyrk1B facilitates survival of normal and transformed myoblasts*

**University of Texas at Arlington**, Arlington, TX

MS in Biology, January 1998 – August 2000

*Thesis – Isolation and characterization of a putative oxygen chemoreceptor from the gill of the channel catfish, *Ictalurus punctatus**

**University of Texas at Arlington**, Arlington, TX

BS in Exercise Science, Summa Cum Laude, August 1995 – December 1997

*Thesis – Revision of the Wingate anaerobic test loading paradigm to accommodate variability among elite wheelchair athletes*

### **MEDICAL LICENSURE**

**New Jersey #25MA08943200**

Unrestricted Medical License

**New York #256277**

Unrestricted Medical License

**NPI #1740449297**

Center for Medicare Services

**CLIA #31D2025770**

Center for Medicare Services

### **BOARD CERTIFICATION**

**Anatomic Pathology, Diplomate**

American Board of Pathology

**Dermatopathology, Diplomate**

American Boards of Pathology and Dermatology

### **TEACHING EXPERIENCE**

**Adjunct Clinical Instructor of Pathology**

8/10 – 5/11

Sophie Davis School of Medicine, City University of New York

160 Convent Avenue, New York, NY 10031

**Resident Instructor in Dermatopathology**

7/09 – 6/11

Mount Sinai School of Medicine, Division of Dermatopathology

Departments of Dermatology and Anatomic Pathology

One Gustave Levy Place, New York, NY 10029

**Resident Instructor in Pathology**

7/07 – 6/09

Mount Sinai School of Medicine, Department of Pathology

One Gustave Levy Place, New York, NY 10029

**Graduate Research Assistant** 6/01 – 9/06  
SUNY Upstate Medical University, Departments of Pathology and Cell and Molecular Biology  
750 East Adams Street, Syracuse, NY 13210

**Graduate Teaching Assistant** 1/98 – 8/00  
University of Texas at Arlington, Department of Biology  
701 South Nedderman Drive, Arlington, TX 76019

**Senior Research Technician** 1/98 – 8/00  
University of Texas at Arlington, Department of Biology  
701 South Nedderman Drive, Arlington, TX 76019

**Undergraduate Teaching Assistant** 5/97 – 8/97  
University of Texas at Arlington, Department of Biology  
701 South Nedderman Drive, Arlington, TX 76019

**Undergraduate Teaching Assistant** 1/97 – 5/97  
University of Texas at Arlington, Department of Exercise, Sport and Health Sciences  
701 South Nedderman Drive, Arlington, TX 76019

**Intern, Office of Continuing Education** 8/94 – 6/95  
Cooper Institute for Aerobics Research, Dallas, TX  
12330 Preston Road, Dallas, Texas 75230

### **ACADEMIC & PROFESSIONAL HONORS**

ASDP Physician in Training Award for Best Oral Abstract Presentation, American Society of Dermatopathology Annual Meeting, Atlanta, GA, 2010  
Mamoru Kaneko Prize for the Outstanding Resident in Anatomic Pathology, Mount Sinai Department of Pathology, 2010  
Professionalism Award, Mount Sinai Pathology Laboratory, 2010  
2<sup>nd</sup> Place, ASDP Duel in Dermatopathology Case Presentation Competition, American Society of Dermatopathology Annual Meeting, Chicago, IL, 2009  
Mentorship Award, Mount Sinai Pathology Laboratory, 2008  
John Bernard Henry, M.D. Endowed Scholarship Award for Research in Experimental Pathology, SUNY Upstate College of Medicine, 2007  
Graduating Medical Student Pathology Award, SUNY Upstate Medical University, 2007  
John Bernard Henry, M.D. Endowed Scholarship Award for Research in Experimental Pathology, SUNY Upstate College of Graduate Studies, 2005  
American Physiological Society Caroline tum Suden/Frances A. Hellebrandt Professional Opportunity Award for Meritorious Research, 2000

Research Grant-in-Aid Awardee – Phi Sigma, 1999  
Outstanding Service Award – Phi Sigma, 1999  
Outstanding Student Speaker – Texas Society for Microscopy Annual Meeting, 1999  
Outstanding Student Leader Award – University of Texas at Arlington, 1998  
Academic Excellence Scholar – University of Texas Arlington, 1998  
UTA Chapter Service Award – Golden Key National Honor Society 1998  
Golden Key KPMG Peat Marwick Foundation Senior Scholar, 1997  
Johnson & Johnson Centennial Scholar, 1997  
Outstanding Participation Scholarship – UTA Allied Health Society, 1997  
1<sup>st</sup> Place Research – UTA Symposium on Undergraduate Research and Creative Activity, 1997

### TRAVEL AWARDS

American Society for Investigative Pathology, 2005  
American Society for Biochemistry and Molecular Biology, 2005  
American Association of Anatomists, 2005  
Society for Experimental Biology and Medicine, 2000  
American Association of Anatomists, 2000

### PEER REVIEWED ARTICLES

Sidhu, H.K., Lanoue, J., Nazarian, R., **Mercer, S.E.**, Gordon, R.E., Phelps, R.G. (2015).  
Histopathology of Measles: Report of 2 cases with new findings. *Am J Dermatopath.* 37:563-6.

Deng, X., **Mercer, S.E.**, Sun, C.Y., Friedman, E. (2014). The normal function of the cancer kinase  
Myrk/dyrk1B is to reduce reactive oxygen species. *Genes Cancer.* 5:22-30.

Putri, I., **Mercer, S.E.**, Phelps, R.G., Levitt, J.O. (2013). False-negative spirochete  
immunohistochemistry in secondary syphilis. *International Journal of Dermatology.* 52:172-6.

Ramirez-Fort, M.K., **Mercer, S.E.**, Shim-Chang, H., Levitt, J.O. (2013). Acquired perforating  
dermatosis: clinical and dermatoscopic correlation. *Dermatology Online Journal.* 19:18958.

Halverstam, C.P., **Mercer, S.E.**, Harwayne-Gidansky, I. & Phelps, R.G. (2013). Stiff skin syndrome in  
a newborn. *Int J Dermatol.* 52:993-5.

Accordino, R.E., Langs-Barlow, A., Phelps, R.G., Hammond, B., **Mercer, S.E.** (2012). Transient,  
transverse melanonychia associated with Graves disease and acute hepatitis. *Pediatric Dermatology.*  
29:220-222.

**Mercer, S.E.**, Pandey, S., Dallas, K.B., Emanuel, P.O., Goldenberg, G. (2012). Evaluation of the prognostic significance of follicular extension in actinic keratosis. *Journal of the Clinical and Aesthetic Dermatology*. 5:40-43.

Tomaino J, Keegan T, Miloh T, Kerkar N, **Mercer S. E.**, Birge M, Rocca J, Suchy F, Arnon R. (2012). Stevens-Johnson syndrome after Mycoplasma pneumonia infection in pediatric post-liver transplant recipient: case report and review of the literature. *Pediatric Transplant*. 16:E74-7.

Naujokas, A., Vidal, C.I., **Mercer, S.E.**, Harp, J., Kurtin, P.J., Fox, L.P., Thompson, M.M. (2012). A novel form of amyloid deposited at the site of enfuvirtide injection. *Journal of Cutaneous Pathology*. 39:220-221.

Furmanczyk. P.S., Lisle, A.F., Caldwell, R.B., Kraemer, K.G., Edlefsen, K.L., **Mercer, S.E.**, George, E., Argenyi, Z.B. (2012). Langerhans cell sarcoma in the setting of hairy cell leukemia: A case report of two distinct tumors with identical immunoglobulin gene rearrangements supporting a common clonal origin. *Journal of Cutaneous Pathology*. 39-644-650.

Shvartsbetn, M., Pandey, S., **Mercer, S.E.**, Goldenberg, G. (2012). Leukemia cutis presenting clinically as herpes zoster in a patient with acute promyelocytic leukemia. *Journal of Clinical and Aesthetic Dermatology*. 5:25-8.

Kriegel, D., Marmur, E, Shan, H.Y., **Mercer, S.E.**, Birge, M.B., Lee, A. (2011). A method for distinguishing the intended margins for a melanoma from the tissue cones after surgical excision. *International Journal of Dermatology*. 50:1560-3.

Venterola, D.J., **Mercer, S.E.**, Contard, P., Odaimi, M.F., Birge, M.B., Emanuel, P.O., Phelps, R.G. (2011). S100 negative CD1a positive histiocytosis: a new variant with features of both indeterminate cell histiocytosis and interstitial dermal dendrocytes. *Archives of Dermatology*. 147:995-997.

Emer, J.J., Solomon, S., **Mercer, S.E.** (2011). Reed's syndrome: a case of multiple cutaneous and uterine leiomyomas. *Journal of Clinical and Aesthetic Dermatology*. *Journal of Clinical and Aesthetic Dermatology*. 4:37-42.

Fernandes, N.F., **Mercer, S.E.** Kleinerman, R., Lebwohl, M.G. & Phelps, R.G. (2011). Amyloidosis cutis dyschromica associated with atypical parkinsonism, spasticity and motor weakness in a Pakistani female. *Journal of Cutaneous Pathology*. 10:827-831.

Geller, L. Raciti, P., **Mercer, S.E.**, Phelps, R.G. (2011). Lupus-like reaction in a 28 month old boy with chronic granulomatous disease on voriconazole prophylaxis. *Journal of Cutaneous Pathology*. 38:677-3668.

Penrose, C., **Mercer, S.E.**, Shim-Chang, H. (2011). Photodynamic therapy for the treatment of cutaneous sarcoidosis. *Journal of the American Academy of Dermatology*. 65: e12-14.

Jordan, A., **Mercer, S.E.**, Goldman, B., Emanuel, P.O. (2011). Grover's disease with a contagious twist. *Journal of the American Academy of Dermatology*. 65: e19-21.

Emanuel, P.O., **Mercer, S.E.** (2011). Angiocentric NK/T-Cell lymphoma mimicking pyoderma gangrenosum. *Indian Journal of Cancer*. 48:113-115.

Geller, G., Whang, T., **Mercer, S.E.**, Phelps, R.P. (2011). Retiform Purpura – A new stigmata of illicit drug use? *Dermatology Online Journal*. 17:7.

**Mercer, S.E.**, Emanuel, P.O. (2011). "Pseudo-Mikulicz" cells. *Journal of Cutaneous Pathology*. 38:316-317.

Yanofsky, V.R., **Mercer, S.E.**, Phelps, R.G. (2011). Histopathological Variants of Cutaneous Squamous Cell Carcinoma: A Review. *Journal of Skin Cancer*. doi:10.1155/2011/210813.

Jordan, A.C., Jaffer, S., **Mercer, S.E.** (2011). Massive nodular pseudoangiomatous stromal hyperplasia (PASH) of the breast arising simultaneously in the axilla and vulva. *International Journal of Surgical Pathology*. 19:113-116.

Abraham, N.F., **Mercer, S.E.**, Pandey, S., LaBombardi, V.J., Phelps, R.G. (2010). A diffuse painful desquamating rash. *The Netherlands Journal of Medicine*. 11:370,374

**Mercer, S.E.**, Khalil, D., Emanuel, P.O. & Goldenberg, G. (2010). Verrucous carcinoma masquerading as a giant fibroepithelial polyp. *International Journal of Surgical Pathology*. 18:347-351.

Frydman, A.F., **Mercer, S.E.**, Kleinerman, R., Yanofsky, V.R., Birge, M.B. (2010). Acquired fibrokeratoma presenting as multiple plantar nodules. *Dermatology Online Journal*. 16:5.

**Mercer, S.E.**, Kleinerman, R., Goldenberg, G. & Emanuel, P.O. (2010). Histopathological identification of dermal filler agents. *Drugs in Dermatology*. 9:1072-1081.

**Mercer, S.E.**, Vidal, C.I., Grummer, S.E., Strauchen, J.A., Gordon, M.L. & Birge, M.B. (2010). Pagetoid reticulosis after radiotherapy of primary cutaneous anaplastic large cell lymphoma. *American Journal of Dermatopathology*. 32:79-82.

**Mercer, S.E.**, Emanuel, P.O. (2009). Unusual manifestation of histiocyte-rich peripheral T-cell lymphoma. *Journal of Cutaneous Pathology*. 36:1132-1133.

**Mercer, S.E.**, Friedman, E. (2006). Mirk/Dyrk1B: A multifunctional dual-specificity kinase involved in growth control, differentiation and cell survival. *Cell Biochemistry and Biophysics*. 45:303-315.

**Mercer, S. E.**, Ewton, D.Z., Shah, S., Mazur, T., Naqvi, A., Friedman, E. (2006). Mirk/Dyrk1B mediates survival in rhabdomyosarcoma. *Cancer Research*. 66:5143-5150.

- Burleson, M.L., **Mercer, S.E.**, Wilk-Blaszczak, M.A. (2006). Isolation and characterization of a putative O(2) receptor from the gills of the channel catfish (*Ictalurus punctatus*). *Brain Research*. 1092:100-107.
- Deng, X., Ewton, D.Z., Li, S., Naqvi, A., **Mercer, S.E.**, Landas, S., Friedman, E. (2006). The kinase Mirk/Dyrk1B mediates cell survival in pancreatic ductal adenocarcinoma. *Cancer Research*. 66:4149-58.
- Jin, K., Lim, S., **Mercer, S.E.**, Friedman, E. (2006). The survival kinase Mirk/Dyrk1B is activated through Rac1-MKK3 signaling. *Journal of Biological Chemistry*. 280:42097-105.
- Mercer, S. E.**, Ewton, D.Z., Deng, X., Lim, S., Mazur, T., Friedman, E. (2005). Mirk/Dyrk1B mediates survival during the differentiation of C2C12 myoblasts. *Journal of Biological Chemistry*. 280:25788-801.
- Deng, X., Ewton, D.Z., **Mercer, S.E.**, Friedman, E. (2004). Mirk/Dyrk1B decreases the nuclear accumulation of class II histone deacetylases during skeletal muscle differentiation. *Journal of Biological Chemistry*. 279:4894-4905.
- Deng, X., **Mercer, S. E.**, Shah, S., Ewton, D. Z., Friedman, E. (2004). The cyclin-dependent kinase inhibitor p27Kip1 is stabilized in G(0) by Mirk/Dyrk1B kinase. *Journal of Biological Chemistry*. 279:22498-22504.
- Zou, Y., Ewton, D. Z., Deng, X., **Mercer, S. E.**, Friedman, E. (2004). Mirk/Dyrk1B kinase destabilizes cyclin D1 by phosphorylation at threonine 288. *Journal of Biological Chemistry*. 279:27790-27798.
- Kim, G. Y., **Mercer, S. E.**, Ewton, D. Z., Yan, Z., Jin, K., Friedman, E. (2002). The stress-activated protein kinases p38 alpha and JNK1 stabilize p21(Cip1) by phosphorylation. *Journal of Biological Chemistry*. 277:29792-29802.
- Mercer, S.E.**, Beehler, P.J.H. (2001). An incremental brake force protocol for arm crank anaerobic testing of wheelchair athletes. *Sports Medicine, Training and Rehabilitation*. 10:123-135.
- Mercer, S.E.**, Beehler, P.J.H. (1997). Measurement of anaerobic power in elite wheelchair athletes: absolute load optimization of the Wingate test using the Monark 881 arm crank ergometer. *Proceedings of the National Conference on Undergraduate Research Volume IV- Austin, TX*. April 23-26, 1997, pp. 1247-1251.
- Mercer, S.E.** (1996). Practical assessment of immediate (anaerobic) power resources in wheelchair athletes: current research, applicability and future directions. *Brazilian International Journal of Adapted Physical Education Research*, 3:1-24.

## **BOOKS/CHAPTERS**

Reese, L., Zatezola, C., **Mercer, S.E.**, Phelps, R. Huprikar, S. (2012). *Aspergillus fumigatus* endophthalmitis. In Caplivski, D. Ed., *Consultations in Infectious Disease: A Case-Based Approach to Diagnosis and Management*. Oxford, Philadelphia.

Mathers, A., **Mercer, S.E.**, Scheld, W. (2012). Medication reaction - linear IgA reaction after administration of vancomycin. In Caplivski, D. Ed., *Consultations in Infectious Disease: A Case-Based Approach to Diagnosis and Management*. Oxford, Philadelphia.

Reese, L., Huprikar, S., **Mercer, S.E.** (2012). Graft versus host disease. In Caplivski, D. Ed., *Consultations in Infectious Disease: A Case-Based Approach to Diagnosis and Management*. Oxford, Philadelphia.

Reese, L., **Mercer, S.E.**, Caplivski, D. (2012). Adult onset Still's disease. In Caplivski, D. Ed., *Consultations in Infectious Disease: A Case-Based Approach to Diagnosis and Management*. Oxford, Philadelphia.

Jordan, A.C, **Mercer, S.E.**, Phelps, R.G. (2011). The pathology of cutaneous vasculitides: a comprehensive review. In Amezcua-Guerra, L.M., *Vasculitis – Book 1*. InTech, Croatia. pp. 115-152.

Burleson, M.L. & **Mercer, S. E.**, (2000). *Lab Manual BIOL 3442 – Animal Physiology*. University of Texas at Arlington, Arlington, TX.

Burleson, M.L., **Mercer, S.E.**, Osborn, R., Neil, R.L. (1999). *Lab Manual BIOL 1442 – Structure and Function of Organisms*. University of Texas at Arlington, Arlington, TX.

## **SELECTED ABSTRACTS**

Yao, J., Fuchs, A., Sidhu, H.K., **Mercer, S.E.**, Phelps, R.G. (2011). Syringocystadenoma papilliferum – report of a case. American Society of Dermatopathology. Seattle, WA. *Journal of Cutaneous Pathology*.

Jordan, A.C., Henry, M., Sidhu, H.K., Mercer, S.E., Phelps, R.G. (2011). Contact dermatitis – it came from within. American Society of Dermatopathology. Seattle, WA. *Journal of Cutaneous Pathology*.

Jordan, A.C., Penrose, C., Sidhu, H.K., Mercer, S.E., Emanuel, P.O. (2011). Palmar plantar erythrodysesthesia secondary to treatment with azacitidine. American Society of Dermatopathology. Seattle, WA. *Journal of Cutaneous Pathology*.



Yao, J., Nazarian, R., Sidhu, H.K., **Mercer, S.E.**, Phelps, R.G. (2011). Erythematous plaques and alopecia in a child with a history of microvillous inclusion disease. American Society of Dermatopathology. Seattle, WA. *Journal of Cutaneous Pathology*.

Whang, T., **Mercer, S.E.** Phelps, R.G., Birge, M.B. (2011). Frozen section diagnosis of emergent inflammatory dermatoses. American Society of Dermatopathology. Seattle, WA. *Journal of Cutaneous Pathology*.

Fernandes, N.F., Nazarian, R., Sidhu, H.K., **Mercer, S.E.**, Phelps, R.G. (2011). Acral pigmented Bowen's disease mimicking lentiginous melanoma. American Society of Dermatopathology. Seattle, WA. *Journal of Cutaneous Pathology*.

Sidhu, H.K., Frydman, A.S., **Mercer, S.E.**, Trokhan, E., Strauchen, J.A., Birge, M.B. (2011). Hiding in plain sight – A tale of two lymphomas. American Society of Dermatopathology. Seattle, WA. *Journal of Cutaneous Pathology*.

Pandey, S. Shvartsbetn, M., **Mercer, S.E.**, Goldenberg, G. (2011). Leukemia cutis presenting clinically as herpes zoster in a patient with acute promyelocytic leukemia. American Academy of Dermatology. New Orleans, LA. *Journal of the American Academy of Dermatology*.

Jordan, A.C., **Mercer, S.E.**, Shim-Chang, H., Phelps, R.G. (2011). Post-transplant cutaneous T-cell lymphoma colonizing seborrheic keratosis. International Society of Dermatopathology. New Orleans, LA. *American Journal of Dermatopathology*.

Penrose, C.T, **Mercer, S.E.**, Shim-Chang, H. (2011). Photodynamic therapy for the treatment of cutaneous sarcoidosis. American Academy of Dermatology. New Orleans, LA. *Journal of the American Academy of Dermatology*.

Yanofsky, V.R., **Mercer, S.E.**, Phelps, R.G. (2011). Use of high molecular weight antikeratin antibodies in the diagnosis of lichen planopilaris – an immunohistochemical study. International Society of Dermatopathology. New Orleans, LA. *American Journal of Dermatopathology*.

Jordan, A.C., Geller, L., Raciti, P.M., **Mercer, S.E.**, Phelps, R.G. (2011). Lupus-like skin lesions in an infant with chronic granulomatous disease on voriconazole prophylaxis. International Society of Dermatopathology. New Orleans, LA. *American Journal of Dermatopathology*.

**Mercer, S.E.**, Fernandes, N., Geller, L.E., Henry, M.F., Birge, M.B., Dikman, S.H., Phelps, R.G. (2010). Linear IgA bullous disease presenting clinically as toxic epidermal necrolysis following acute generalized exanthematous pustulosis. American Society of Dermatopathology. Atlanta, GA. *Journal of Cutaneous Pathology*. **38**:175.

**Mercer, S.E.**, Whang, T.B., Geller, L.E., Phelps, R.G. (2010). Retiform purpura – a new stigmata of illicit drug use? American Society of Dermatopathology. Atlanta, GA. *Journal of Cutaneous Pathology*. **38**:157.

**Mercer, S.E.**, Whang, T.B., Vidal, C.I., Birge, M.B. (2010). Fellows' Case Symposium: Fuze-Ball: Massive nodular amyloidosis at the site of Fuzeon (enfuvirtide) injection. American Society of Dermatopathology. Atlanta, GA. *Journal of Cutaneous Pathology*. **38**:93.

Jordan, A.C., **Mercer, S.E.**, Goldman, B., Emanuel, P.O. (2010). Grover's disease with a contagious twist. American Society of Dermatopathology. Atlanta, GA. *Journal of Cutaneous Pathology*. **38**:137.

Abraham, N., **Mercer, S.E.**, Caplivski, D., Birge, M.B. (2010). A systemic diagnosis of exclusion aided by a subtle histological clue. American Society of Dermatopathology. Atlanta, GA. *Journal of Cutaneous Pathology*. **38**:82.

**Mercer, S.E.**, Geller, L., Lebwohl, M.G. & Phelps, R.G. (2010). Mycosis fungoides palmaris et plantaris masquerading as palmoplantar psoriasis. International Society of Dermatopathology. Miami, Fl. *American Journal of Dermatopathology*, **32**:405

Fernandes, N.F., Kleinerman, R., Lebwohl, M.G., **Mercer, S.E.** & Phelps, R.G. (2010). Amyloidosis cutis dyschromica associated with atypical parkinsonism, spasticity and motor weakness. International Society of Dermatopathology. Miami, Fl. *American Journal of Dermatopathology*, **32**:400.

**Mercer, S.E.**, Vidal, C.I., Smith, E., Roman, E., Najfeld, V. & Phelps, R.G. (2009). Congenital acute myeloid leukemia with t(4;11)(p16;q23) after in vitro fertilization. American Society of Dermatopathology. Chicago, IL. *Journal of Cutaneous Pathology*. **37**:109.

**Mercer, S.E.**, Smith, E.C, Vidal, C.I., Phelps, R.G. & Emanuel, P.O. (2008). Hydroa vaccineforme-like cutaneous T-cell lymphoma. American Society of Dermatopathology. San Francisco, CA. *Journal of Cutaneous Pathology*. **36**:107.

Shah, S.S, **Mercer, S.E.**, Ewton, D.Z., Naqvi, A. & Friedman, E. (2006). Serine/threonine kinase Mirk/Dyrk1B mediates survival in rhabdomyosarcomas. United States and Canadian Academy of Pathology Annual Meeting. Atlanta, GA. *Modern Pathology*, **19**:S19

Jin, K., Lim, S., **Mercer, S.E.** & Friedman, E. (2006). The survival kinase Mirk/Dyrk1B is activated through Rac1-MKK3 signaling. American Association for Cancer Research. San Francisco, CA. *Proceedings of the American Association for Cancer Research*, **47**:169.

**Mercer, S. E.**, Ewton, D.Z., Deng, X., Lim, S., Mazur, T., & Friedman, E. (2005). Mirk/dyrk1B mediates survival during the differentiation of C2C12 myoblasts. American Society for Investigative Pathology, FASEB Experimental Biology Meeting. San Diego, CA. *FASEB Journal*. **19**(4), A390.

Deng, X., Shah, S., **Mercer, S.E.**, & Friedman, E. (2004). Mirk/Dyrk1B kinase stabilizes p27kip1 in G0 and maintains cell viability. American Association for Cancer Research. *Proceedings of the American Association for Cancer Research*, **45**:187.

**Mercer, S.E.**, Wilk-Blaszczak, M.A. & Burlison, M.L. (2000). A comparative model for the investigation of the electrophysiological basis of oxygen sensing. American Physiological Society, FASEB Experimental Biology Meeting. San Diego, CA. *FASEB Journal*. **14**(4), A45.

**Mercer, S.E.** Schwartz, C.L., Szczepek, A.J., Butterfield, J.H. & Wilk-Blaszczak, M.A. (2000). Identification and characterization of vanilloid receptors in the human mast cell line HMC-1. American Association of Anatomists, American Physiological Society, FASEB Experimental Biology Meeting. San Diego, CA. *FASEB Journal*. **14**(4), A183.

**Mercer, S.E.** & Burlison, M.L. (1999). Primary culture of fish gill cells for the investigation of oxygen chemoreception. American Physiological Society. FASEB Experimental Biology Meeting. Washington, DC. *FASEB Journal*, **13**(4), A495.

**Mercer, S.E.** and Beehler, P.J.H. (1998). Revision of the Wingate anaerobic test loading test paradigm to accommodate variability among elite wheelchair athletes. American College of Sports Medicine Meeting. Orlando, FL. *Medicine and Science in Sports and Exercise*, **30**, s209.

**Mercer, S.E.** and Beehler, P.J.H. (1997). Measurement of anaerobic power in wheelchair athletes: relative load optimization for the Wingate test using the Monark 881 arch crank ergometer. *Abstracts Digest – 1997 Texas Regional Chapter of the American College of Sports Medicine Annual Meeting*. Seguin, TX. February 6-7. p.6.

### **PROFESSIONAL AFFILIATIONS**

American Society for Dermatopathology, Fellow  
College of American Pathologists, Fellow  
American Medical Association