#### November 2024

### TERRENCE GRADY, D.O., Ph.D.

Office: Acting Chief - Division of Hematology and Oncology

James A. Haley Veterans Affairs Medical Center

13000 Bruce B. Downs Blvd 111R

Tampa, FL 33612 Office: 813-972-7582 FAX: 813-903-4845

e-mail terrence.grady@va.gov

### **CURRICULUM VITAE**

**Education:** University of South Florida, Tampa, FL

B.A. (Chemistry) 1984

University of South Carolina School of Medicine (Yale University School of Medicine 1991-1993) Ph.D. (Biomedical Science/Physiology) 1993

Michigan State University College of Osteopathic Medicine

Doctor of Osteopathy 2000

Positions Held: Acting Chief and Attending Physician

Division of Hematology and Oncology

James A. Haley VAMC Tampa, FL 2007-Present

Clinical Instructor-Amgen Chief Clinical Fellow

Division of Hematology and Oncology

Ohio State University Medical Center 2004-2007

Medical House Officer – Resident

Lehigh Valley Hospital and Health Network

Pennsylvania State University Allentown, PA 2001-2004

Medical House Officer – Intern (Extern)

Mt. Clemens General Hospital

Mt. Clemens, MI 2000-2001 (1998-2000)

NIH-NRSA Research Fellow Department of Physiology

Department of Frigorougy

University of Michigan Medical School 1994-1996

NIH Post-Doctoral Research Fellow

Department of Surgery

Harvard Medical School 1993-1994

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> NIH Pre-Doctoral Research Fellow Department of Surgery Yale University School of Medicine 1991-1993

Adjunct Physiology Instructor College of Natural Sciences Midlands Technical College Columbia, SC 1989-1991

### **Committee Appointments:**

Clinical Member of JAHVH Cancer Program Subcommittee JAHVH Cancer Program Committee member JAHVH Transfusion Committee (pending charter review)

## **SARS-CoV-2 Experience:**

Attending Hospitalist coverage for JAHVA April 2020

Implementation of Hem/Onc TeleMedicine and E-consult encounters during SARS-CoV-2 2020-2022

### **Teaching Experience:**

Resident teaching rounds while covering for Hospitalist Service during SARS-CoV-2 April 2020

Clinical Mentor to Hematology/Oncology Clinical Fellows at Moffitt Cancer Center, Tampa, FL 2007-Present

Medical Physiology Tutor Medical and Graduate Students Michigan State University College of Osteopathic Medicine 1996-1998

Medical Physiology Nurse Anesthesiology Program University of South Carolina School of Medicine 1990-1991

Medical/Graduate Student Physiology Labs University of South Carolina School of Medicine 1989-1991

Human Anatomy (Nursing Students) Medical Physiology (Med Tech Students) Midlands Technical College Columbia, SC 1989-1991 Terrence Grady, D.O., Ph.D. November 2024 CV p.3

## **Association Memberships:**

American Society of Hematology American Society of Clinical Oncology American College of Physicians American Society of Internal Medicine American Osteopathic Association Ohio Osteopathic Medical Association American Medical Association

### **Academic Awards and Distinctions:**

Member-  $\Sigma\Sigma\Phi$  (Sigma Sigma Phi) National Honorary Osteopathic Assoc. 1996-Present

National Primary Health Care Scholarship U.S. Dept. of Health and Human Services MSU College of Osteopathic Medicine 1998-2000

Stefan Kobiljak Merit Scholarship MSU College of Osteopathic Medicine 1998-2000

NIH-NRSA Fellowship University of Michigan Medical School Department of Physiology Ann Arbor, MI 1994-1996

NIH Post-Doctoral Fellowship Department of Surgery Beth Israel Hospital Harvard Medical School Boston, MA 1993-1994

NIH Pre-Doctoral Fellowship Department of Surgery Yale University School of Medicine New Haven, CT 1991-1993

Graduate Student Fellowship
Department of Physiology
Univ of South Carolina School of Medicine
Columbia, SC 1988-1991

Student Member-South Carolina University System IACUC (Institutional Animal Care and Use Committee) 1989-1991

Overall Second Place Award, American Gastroenterological Association Annual Meeting, New Orleans, LA 1991 Student Research Fellowship from American Gastroenterological Association, Harvard Medical School 1990-1991

Second Place Award from Sigma Xi for Graduate Student South Carolina Academy of Science Annual Meeting, 1990

### **PUBLICATIONS**

### **Articles in Refereed Journals:**

- Zhu, Z., Holt, S., el-Lbishi, M.S., **Grady, T**., Taylor, T.V., and Powers, R.E. A somatostatin analogue is protective against retrograde bile salt- induced pancreatitis in the rat. *Pancreas* 6:609-613, 1991.
- **Grady, T.**, Saluja, A.K., Steer, M.L., Lerch, M.M., Modlin, I.M., and Powers, R.E. *In vivo* and *in vitro* effects of the azidothymidine analog dideoxyinosine on the exocrine pancreas of the rat. *J.Pharmacol.Exp.Ther.* 262:445-449, 1992.
- Powers, R.E., **Grady, T.**, Orchard, J.L., and Gilrane, T.B. Different effects of hyperstimulation by similar classes of secretagogues on the exocrine pancreas. *Pancreas* 8:58-63, 1993.
- Kaiser, A.M., **Grady, T.**, Gerdes, D., Saluja, M., and Steer, M.L. Intravenous contrast medium does not increase the severity of acute necrotizing pancreatitis in the opossum. *Dig.Dis.Sci.* 40:1547-1553, 1995.
- Dabrowski, A., **Grady, T**., Logsdon, C.D., and Williams, J.A. JUN kinases are rapidly activated by CCK in rat pancreas both *in vitro* and *in vivo*. *J.Biol.Chem.* 271(10):5686-5690, 1996.
- **Grady, T.**, Saluja, A., Kaiser, A.M., McNally, D., and Steer, M. Pancreatic edema and intrapancreatic activation of trypsinogen during secretagogue-induced pancreatitis in rats precedes glutathione depletion. *Am.J.Physiol.* 271 (34): G20-G26, 1996.
- **Grady, T.**, Dabrowski, A., Williams, J.A., and Logsdon, C.D. Stress-Activated-Protein Kinase activation is the earliest direct correlate to the induction of secretagogue-induced pancreatitis in rats. *Biochemical Biophysical Research Communications*. 227: 1-7, 1996.
- Groblewski, G., **Grady, T.**, Mehta, N., Logsdon, C.D., and Williams, J.A. CCK stimulates heat shock protein 27 phosphorylation in rat pancreas both *in vivo* and *in vitro*. *Gastroenterology* 112(4):1354-1361, 1997.
- **Grady, T.**, Liang P., S. Ernst and Logsdon, C.D. Chemokine gene expression in rat pancreatic acinar cells is an early event associated with acute pancreatitis. *Gastroenterology* 113(6): 1966-1975, 1997.

# **Articles in Refereed Journals (cont.):**

**Grady, T.**, Mah'moud, M., Lerch, M.M., and Gorelick, FS. Zymogen proteolysis within the pancreatic acinar cell is associated with cellular injury. *Am.J.Physiol.* 275: G1010-1017, 1998.

Benson, DM, O'Donnell, L., Krugh, D., **Grady, T**. *et.al*. Successful management of sudden, massive immune hemolysis following ABO-incompatable allogeneic PBSCT despite methotrexate GvHD prophylaxis. *Bone Marrow Transplantation* 2005 Dec;36(12):1111-2.

Alinari L, Geskin L, **Grady T**, Baiocchi RA, Bechtel MA, and Porcu P. Subcutaneous alemtuzumab for Sézary Syndrome in the very elderly. *Leuk Res.* 2008 Aug;32(8):1299-303.

Trimaldi J., Carballido E.M., Bowers J.W., Anguiano A.L., Zhang Z.J., Shah B.D. Bruno S., List A.F., Moscinski L.C., **Grady T.**, Agosti S.J., Kang L., Zhang L. B-Lymphoblastic Leukemia/Lymphoma Associated with t(8;13)(p11;q12)/*ZMYM2* (*ZNF198*)-*FGFR1*: Rare Case and Review of the Literature. *Acta Haematol* 2013;130:127-134.

Girnius SK; Lee S; Kambhampati S; Rose MG; Mohiuddin A; Houranieh A; Zimelman A; **Grady T**; Mehta P; Behler C; Hayes TG; Efebera YA; Prabhala RH; Han A; Yellapragada SV; Klein CE; Roodman GD; Lichtenstein A; Munshi NC. A Phase II trial of weekly bortezomib and dexamethasone in veterans with newly diagnosed multiple myeloma not eligible for or who deferred autologous stem cell transplantation. *British Journal of Haematology*. 169(1):36-43, 2015 Apr.

### **Published Abstracts:**

**Grady, T.**, Holt, S., and Powers, R.E. Gabexate mesylate, a protease inhibitor, blocks heterologous desensitization in caerulein-induced pancreatitis in rats. *FASEB* 4:1198, 1990.

**Grady, T.**, Holt, S., and Powers, R.E. A protease inhibitor blocks caerulein-induced pancreatitis in rats. *Bulletin of South Carolina Academy of Science* 52:89, 1990. (Oral presentation)

Zhu, Z.-H., **Grady, T**., Holt, S., and Powers, R.E. Protection against retrograde bile-salt-induced pancreatitis by a somatostatin analogue in rats. *Bulletin of South Carolina Academy of Science* 52:90, 1990. (Oral presentation)

Powers, R.E., **Grady, T.**, Holt, S., Steer, M.L., and Saluja, A.K. Supramaximal doses of a novel CCK analogue (JMV-180) induces acute pancreatitis in mice. *Gastroenterology* 98:231, 1990.

- Terrence Grady, D.O., Ph.D. November 2024 CV p.6
- Zhu, Z.-H., **Grady, T**., Holt, S., and Powers, R.E. Therapeutic examination of somatostatin analogue SMS 201-995 on bile-salt-induced pancreatitis in rats. *World Congress of Gastroenterology* 1: 1990. (Oral presentation)
- Powers, R.E., Zhu, Z.-H., **Grady, T**., Hightower, J.A., Holt, S., Grisham, M.B., Granger, D.N., and Gilrane, T.B. Myeloperoxidase distinguishes physical from physiological damage in bile salt pancreatitis in live and dead mice. *Pancreas* 5:726, 1990.
- Gilrane, T.B., Zhu, Z.-H., **Grady, T**., Hightower, J.A., Granger, D.N., and Powers, R.E. Myeloperoxidase activity as a measure of the intensity of pancreatic inflammation. *Pancreas* 5:708, 1990.
- **Grady, T.**, Saluja, A.K., Lerch, M.M., Steer, M.L., and Powers, R.E. Dideoxyinosine, an AZT analogue, does not induce pancreatitis in rats. *Gastroenterology* 100:826, 1991.
- Powers, R.E., **Grady, T.**, and Glover, W.J. Secretion from streptolysin-O permeabilized pancreatic acini of mice with caerulein-induced pancreatitis. *Pancreas* 6:716, 1991.
- Gilrane, T.B., Zhu, Z.-H., **Grady, T**., and Powers, R.E. Contrasts in parameters of pancreatic inflammation from different treatment models. *Pancreas* 6:701, 1991.
- **Grady, T.**, Zhu, Z.-H., and Powers, R.E. *In vivo* effects of dideoxyinosine (ddl) and pentamidine on pancreatic function in the mouse. *Pancreas* 7:738, 1992.
- Stoch, S.A., **Grady, T.**, Modlin, I.M., and Gorelick, F.S. CCK-induced G-protein coupled activation of digestive zymogens in rat pancreatic acini is mediated by a cyclic-nucleotide dependent pathway. *Pancreas* 7:759, 1992. (Oral presentation)
- Powers, R.E., **Grady, T.**, Zhu, Z.-H., Gorelick, F.S., Gasic, A.C., and Soroca, C.J. Relationship of neutrophil function to the time-course of experimental pancreatitis in the mouse. *Gastroenterology* 102:286, 1992.
- Powers, R.E., **Grady, T.**, Gorelick, F.S., and Gasic, A.C. A role for complement in caerulein-induced pancreatitis in mice. *Pancreas* 7:738, 1992. (Oral presentation)
- **Grady, T.**, Gorelick, F.S., and Powers, R.E. Association of intracellular zymogen proteolysis and experimental pancreatitis in the rat. *Pancreas* 7:738, 1992. (Oral presentation)
- Gasic, A.C., **Grady, T**., Zhu, Z.-H., Smith, C.W., and Powers, R.E. Neutrophils contribute to injury in caerulein-induced pancreatitis in mice. *Gastroenterology* 102:267, 1992.
- Stoch, S.A., **Grady, T.**, Modlin, I.M., and Gorelick, F.S. Initiation of intracellular pancreatic acinar cell zymogen proteolysis is calcium-dependent. *Gastroenterology* 106:743, 1994. (Oral presentation)

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- **Grady, T.**, Saluja, A.K., Kaiser, A.M., and Steer, M.L. Temporal relationship between trypsinogen activation and the onset of caerulein-induced pancreatitis. *Pancreas* 9:789, 1994. (Oral presentation)
- Saluja, A.K., **Grady, T.**, Nishino, H., and Steer, M.L. Depletion of pancreatic glutathione results in the inhibition of secretagogue-stimulated amylase secretion but does not prevent secretagogue-induced rise in intracellular calcium in rat acini. *Gastroenterology* 106:1243, 1994. (Oral presentation)
- Dabrowski, A., **Grady, T**., Logsdon, C.D., and Williams, J.A. JUN kinases are rapidly activated by CCK in rat pancreas both *in vitro* and *in vivo*. *Pancreas* 11:424, 1995. (Oral presentation)
- Groblewski, G., **Grady, T.**, Mehta, N., Logsdon, C.D., and Williams, J.A. Low and high dose CCK stimulate heat shock protein 27 phosphorylation in rat pancreatic acinar cells *in vivo* and *in vitro*. *Gastroenterology* 110:392, 1996. (Oral presentation)
- **Grady, T.**, Dabrowski, A., Williams, J.A., and Logsdon, C.D. Intrapancreatic activation of Stress-Activated-Protein Kinase (SAPK) is the earliest detectable correlate to secretagogue-induced pancreatitis. *Gastroenterology* 110:392, 1996. (Oral presentation)
- **Grady, T.**, Liang, P., and Logsdon, C.D. Induction of chemokines is an important early event in secretagogue-induced acute pancreatitis. *Gastroenterology* 110:391, 1996. (Oral presentation)
- **Grady, T.**, et.al. Elevated peripheral blood cytomegalovirus viral loads and reduced CD8 counts are common findings in T-cell lymphoma before initiation of therapy. *Blood* 106 (11), 791a, Nov. 16, 2005.
- Alinari L; Geskin L; **Grady T**; Baiocchi RA; Bechtel MA; Porcu P. Subcutaneous alemtuzumab for Sezary Syndrome in the very elderly. *Leukemia Research* 32(8):1299-1303, 2008 Aug.
- N. C. Munshi, S. Lee, S. Kambhampati, A. Mohiuddin, M. G. Rose, C. Behler, A. Han, Y. A. Efebera, A. Houranieh, M. T. Brophy, A. Zimelman, R. H. Prabhala, **T. Grady**, C. E. Klein, P. Mehta, T. G. Hayes, G. D. Roodman, and A. Lichtenstein. Efficacy and improved toxicity profile of once a week bortezomib (BZ) with dexamethasone (dex) in newly diagnosed multiple myeloma (NDMM) patients (pts) with older age and comorbidities: Preliminary results of an ongoing clinical study. *Journal of Clinical Oncology*, 2011 29:15suppl;8074.
- Nikhil C. Munshi, Saem Lee, Suman Kambhampati, Michal Rose, Abid Mohiuddin, Yvonne Efebera, Andrew Han, Antoun Houranieh, Abraham Zimelman, Mary T. Brophy, Rao Prabhala, **Terrence Grady**, Paulette Mehta, Teresa G Hayes, Sarvari Venkata Yellapragada, Caroline Behler, Catherine Klein, David Roodman and Alan K. Lichtenstein. Once a Week Bortezomib with Dexamethasone Is Effective with Limited Toxicity in Newly Diagnosed Multiple Myeloma Patients with Older Age and Co-Morbidities. *Blood* 2011; 118(21):3964.