

CURRICULUM VITAE

Marco Pahor, M.D.

DATE 8/30/2018

CURRENT POSITION

Director University of Florida Institute on Aging
Professor and Founding Chair Department of Aging and
Geriatric Research, College of Medicine
University of Florida
Gainesville, Florida



ADDRESS

10025 SW 48th PL
Gainesville, FL 32608, USA
Mobile Phone: +1 (352) 871 2084
E-mail mpahor@aol.com

ACADEMIC APPOINTMENTS

Assistant Professor, Department of Internal Medicine and Geriatrics, Catholic University, Rome, Italy, March 1986 - June 1996. Tenured from 1991 through 1999.

Contract Professor of Geriatrics and Gerontology, Catholic University, College of Medicine, Rome, Italy, November 1999 - 2000

Contract Professor, Department of Pharmacology, College of Medicine, University of Florence, Florence, Italy, November 1994 - 1999

Associate Professor of Preventive Medicine, University of Tennessee, Memphis, TN, July 1996 – June 1999

Professor of Preventive Medicine with tenure, Department of Preventive Medicine, University of Tennessee, Memphis, July 1999

Professor of Internal Medicine, and Gerontology and Geriatrics with tenure, Wake Forest University School of Medicine, Winston Salem, NC, July 1999 – January 2005

Director, Sticht Center on Aging and Rehabilitation, Wake Forest University School of Medicine, Winston Salem, NC, July 1999 – January 2005

Deputy Associate Dean for Research, Wake Forest University School of Medicine, Winston Salem, NC, July 2002 – July 2004

Acting Director, Geriatric Research, Education and Clinical Center (GRECC) North Florida, South Georgia Veterans Health System, Gainesville, FL, April 2006-January 2007

Director Institute on Aging, University of Florida, Gainesville, FL, February 2005-present

Professor with tenure and Founding Chair Department of Aging and Geriatric Research, College of Medicine, University of Florida, Gainesville, FL, February 2005-present

HOSPITAL AND PHYSICIAN PRACTICE APPOINTMENTS

Assistant Physician, Outpatient Geriatric Clinic, University Hospital A. Gemelli, Rome Italy, March 1986 - January 1991

Chief Physician, Outpatient Geriatric Clinic, University Hospital A. Gemelli, Rome Italy, February 1991 - June 1996

Associate Professor, Preventive Medicine, UT Medical Group, Memphis, July 1996 – July 1999

Chief Section on Gerontology and Geriatrics, Department of Internal Medicine, Wake Forest University School of Medicine, Winston Salem, NC, July 1999 – January 2005

Founding Chair Department of Aging and Geriatric Research, University of Florida, College of Medicine, Gainesville, FL, February 2005 - present

EDUCATION

- | | |
|---------------|--|
| Undergraduate | Baccalaureate in Biological Sciences, Lycee Chateaubriand, French School, Rome, Italy, June 1974 |
| Graduate | Medical Doctor degree, Catholic University, Rome, Italy, November 1974 - November 1980 |
| Internships | Internal Medicine, University Hospital A. Gemelli, Rome, Italy, November 1977 - July 1978 |
| | Internal Medicine, Martigny Hospital, Martigny, Switzerland, August 1-31, 1978 |
| | Geriatrics, University Hospital A. Gemelli, Rome, Italy, September 1978 - November 1980 |
| | Cardiology, Sahlgrenska Hospital, Gothenburg, Sweden, August 1-31, 1979 |

POSTDOCTORAL TRAINING

- | | |
|--------------|---|
| Residency | Internal Medicine and Geriatrics, University Hospital A. Gemelli, Rome, Italy December 1980 - February 1985 |
| Postgraduate | Specialty Fellowship and Thesis in Geriatrics and Gerontology, Catholic University, Rome, Italy, November 1980 - November 1984, with honors |
| | Specialty Fellowship and Thesis in Internal Medicine, Catholic University, Rome, Italy. November 1985 - July 1990, with honors |

CERTIFICATION

Geriatrics Specialty Board Italy, November 1984

Internal Medicine Specialty Board Italy, July 1990

LICENSURE

Italy, Rome, License # 29822, December 1980, active

Tennessee, Distinguished Faculty License # MD 28879, January 1997-August 2000

North Carolina, Faculty License # 9901366, November 1999-August 2005

Florida, Medical Faculty Certificate #1589, January 2006, active

HONORS

Italian Society of Internal Medicine for his scientific contribution in 1987

Italian Society of Cardiology for the best study on the therapy of hypertension with angiotensin converting enzyme inhibitors in 1989.

Italian National Academy of "Lincei" in recognition and appreciation for the studies of pharmacoepidemiology in the elderly in 1989.

US Department of Health and Human Services, Public Health Service, National Institutes of Health, in recognition and appreciation for scientific contributions and administrative oversight during the planning and development of the Women's Health and Aging Study (WHAS), 1994.

US Department of Justice, Immigration and Naturalization Service, Alien of Extraordinary Ability for his outstanding academic, scientific and professional achievements, October 1996

Memphis Hypertension Preventive Medicine Coalition, for his invaluable voluntary assistance in the screening, monitoring and education of Memphis/Shelby County Residents for high Blood Pressure, 1998

Premio Enrico Greppi award from Italy's Societa Italiana di Gerontologia e Geriatria (SIGG) for dedicating his career to the improvement of the health and quality of life of elderly people worldwide. The award is given in memory of the founder of SIGG and the International Association of Gerontology – 2008

Blue Ridge Institute for Medical Research ranks Dr. Pahor as the 3rd most NIH funded investigator in Internal Medicine for 2013 with \$15,055,706 in NIH awards.

Thomson Reuters - The world's most influential scientific minds 2014

Inaugural Award of the International Conference on Frailty and Sarcopenia Research

outstanding leadership and research in the areas of sarcopenia and frailty and continued scholarship in this area, Barcelona, Spain, April 27, 2017

OTHER PROFESSIONAL EXPERIENCE

Lieutenant Medical Officer, "Carabinieri" headquarters, Rome, Italy. 10/1982 - 1/1984

Visiting Scholar at the Department of Physiology and Pharmacology, Strathclyde University, Glasgow, United Kingdom, October-November 1986

Supervisor of the cardiovascular research laboratory at the Catholic University, Rome, Italy, 1979-1990. The areas of research included ventricular arrhythmias, myocardial hypertrophy, and the aging heart in experimental in vivo and in vitro animal models.

Visiting Scientist, Epidemiology, Demography and Biometry Program, National Institute on Aging, Bethesda, MD, during a total period of 12 months, 1992-95.

Consultant for the European Economic Community project to identify pharmacoepidemiologic databases in Europe, EC contract #BMH-92-0010GB, 1993.

Visiting Scientist, Gerontopole, University of Toulouse, France, March-September 2011

EDITORIAL APPOINTMENTS

Journal: Journal of Gerontology Medical Sciences, Editorial Board, November 2004-present

Journal: Aging, Clinical and Experimental Research; Consulting Editor. November 2000-present.

Journal: Journal of the American Geriatrics Society; Associate Editor. August 1999-July 2000.

Journal: Journal of the American Geriatrics Society; Editor for International Affairs. July 1996-August 1999.

Journal: Controlled Clinical Trials in Cardiovascular Medicine; Assistant Editor. January 2000-March 2005.

Journal: Pharmacological Research; Field Editor for Pharmacoepidemiology and Pharmacovigilance. December 1998-2005.

Journal: Nutrition, Health and Aging; Editorial Board. July 2002-present.

Journal of Frailty and Aging, Editorial Board, 2016 - present

Book: The Women's Health and Aging Study. Health and social characteristics of older women with disability. Editors: Guralnik JM, Fried LP, Simonsick EM, Kasper JD, Lafferty ME, Salive ME, Phillips CL, Cruz JV, Corti MC, Ferrucci L, **Pahor M**, Brock DD, Skinner EA. National Institute on Aging. NIH publication No. 95-4009, Bethesda 1995.

Peer review board of the following journals:

- Age Ageing
- Aging
- American Journal of Cardiology
- American Journal of Hypertension
- American Journal of Medicine
- Cancer
- Cardiovascular Drugs and Therapy
- Circulation
- Diabetes Care
- Drugs and Aging
- European Journal of Epidemiology
- Hypertension
- JAMA
- Journal of the American College of Cardiology
- Journal of the American Geriatrics Society
- Journal of the National Cancer Institute
- New England Journal of Medicine
- Pharmacological Research
- The Lancet
- Therapeutics and Clinical Risk Management
- Western Journal of Medicine

ADMINISTRATION, COMMITTEES AND OFFICES HELD

Steering Committee, Calcium Antagonist Reinfarction Italian Study (CRIS), a multicenter randomized trial of verapamil in 32 clinical centers throughout Italy, 1983-1990

Medical School Thesis Committee, Department of Internal Medicine and Geriatrics Catholic University, Rome, Italy, 1986-1996

Steering Committee, Italian Group of Pharmacoepidemiology in the Elderly, of the Italian Society of Gerontology and Geriatrics, Italian Council of Research, a multicenter study in 80 clinical centers throughout Italy, 1989 - 2000

NIH-NIA Women's Health and Aging Study, National Institute on Aging, Bethesda, MD, and Johns Hopkins University, Baltimore, MD, steering committee August 1992 - March 1995

Diagnoses Related Groups Committee, University Hospital Gemelli, Catholic University, Rome, Italy, November 1995 - June 1996

University of Tennessee Therapeutic Protocols Committee, November 1996 - March 1997

NIH-NIA Health ABC, University of Tennessee, Memphis, National Institute on Aging, Bethesda, MD, University of California, San Francisco, CA, University of Pittsburgh, PA

- Chair the Substudies Committee, April 1998 – July 1999
- Co-chair of the Emerging Science Committee, April 1998 – July 1999
- Steering Committee, July 1996 - present
- Disease Ascertainment Committee, October 1996 – July 1999

NIH, National Cancer Institute, Grant Review committee 1996

Dutch Cancer Society, Grant Review Panel, 1997

Data Safety and Monitoring Board of the "Prospective, double-blind, randomized clinical trial on the effect of low-dose hydrocortisone infusion in patients with severe sepsis", Principal Investigator Umberto Meduri, M.D., University of Tennessee, Memphis, June 1998 – July 1999

Curriculum Committee of the Course of Preventive Medicine, College of Medicine, The University of Tennessee, Memphis. June 1998 – July 1999

WFUSM - Director, Sticht Center on Aging and Rehabilitation, Wake Forest University School of Medicine, Baptist Medical Center, Winston Salem, NC, July 1999 – January 2005
NIH NIAMS review panel RFA: AR-00-006 Prevention of onset progression and disability of osteoarthritis, 2001

WFUSM - Substance abuse for older persons program development committee, Wake Forest University School of Medicine, Winston Salem, NC, August 1999-June 2001

AGS - Research Committee, American Geriatrics Society. February 2001- May 2004

WFUSM - Chair of the Charge Committee for the Research Advisory Committee, Wake Forest University School of Medicine, Winston Salem, NC, February 2001

WFUSM - Research Advisory Committee, Wake Forest University School of Medicine, Winston Salem, NC, July 2001 – July 2004

NIH-NIA - Special Emphasis Review Panel "Aging Intervention Testing Program" Cooperative Agreement. Bethesda November 2002.

WFUSM - Chair Planning Committee for Industry Sponsored Research, Wake Forest University School of Medicine, Winston Salem, July 2002-December 2002

WFUSM - Industry sponsored research task force, Wake Forest University Health Sciences, Winston Salem, January 2003-July 2004

WFUSM - Genomics Center oversight committee, Wake Forest University Health Sciences, Winston Salem, January 2003-December 2004

WFUSM - Cancer Center oversight committee, Wake Forest University Health Sciences, Winston Salem, January 2003- December 2004

WFUSM - Non Human Primates Center oversight committee, Wake Forest University Health Sciences, Winston Salem, January 2003-December 2004

WFUSM - Neuroscience Center oversight committee, Wake Forest University Health Sciences, Winston Salem, January 2003- December 2004

National Institutes of Health, National Institute on Aging, National Cancer Institute,

Comorbidity Task Force, 2003

National Institutes of Health, National Institute on Aging, Board of Scientific Counselors, 2003

American Federation on Aging Research (AFAR) National Scientific Advisory Council (NSAC) 2003

Italian Ministry of Education, University and Research (Ministero dell'Istruzione, Dell'Universita' e della Ricerca), Committee of Evaluation of Research (Comitato di Indirizzo per la Valutazione della Ricerca – CIVR), Panel 06 Medical Sciences, Panel member 2004-2006

Chair Steering Committee of the Physical Exercise to Prevent Disability - LIFE Study – Lifestyle Interventions For independence in Elders – A multicenter randomized controlled trial of physical exercise to prevent major mobility, 2003-present.

Chair of the Steering Committee of the ENRGISE study, a multicenter trial to assess the effects of fish oil and losartan on inflammation and mobility in olders persons. 2015- present.

National Institutes of Health, Dr. Pahor has served on numerous special emphasis review panels between 2002 and present.

National Institutes of Health, National Institute on Aging, Physical Exercise Task Force, 2007-2008

National Institutes of Health, National Institute on Aging, Clinical Trials Advisory Panel 2008-2015

University of Florida, Search Committee for the College of Medicine Dean, 2006-2007

National Institutes of Health, National Institute on Aging (NIA), member of the National Advisory Council on Aging (NACA) for the 2008 Review of the Division of Behavioral and Social Research

University of Florida, Search Committee for the Senior Vice President for Health Affairs 2008-2009

University of Florida, Co-Chair College of Medicine Promotion and Tenure Committee, 2008-2009

University of Florida, Chair College of Medicine Promotion and Tenure Committee, 2009-2010

University of Florida, Chair of the Search Committee for the Chair of the department of Medicine 2010

National Institutes of Health, National Institute on Aging, Review Roster of the Geriatrics and Clinical Gerontology Program, National Institute on Aging, September, 2010

SOCIETY MEMBERSHIPS

American Geriatrics Society (1992 - present)

Gerontological Society of America (1992 - present)

American Association for the Advancement of Science (1996 - 2005)

Italian Society of Gerontology and Geriatrics (1981 - 1999)

International Society for Heart Research (1988 - 1993)

International Society of Cardiovascular Therapy (1989 - 1993)

TRAINING AND MENTORING RECORD

Antonio Sgadari, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1986 – Currently Assistant Professor, Catholic University, Rome, Italy

Gianni Iacono, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1989, Currently Practicing Physician

Giuseppe Pisanti, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1991, Currently Practicing Physician

Giovanni Gambassi, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1992, Currently Associate Professor, Catholic University, Rome, Italy

Valerio Venturiero, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1994, Currently, Assistant Professor, Catholic University, Rome, Italy

Gianni Manigrasso, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1994, Currently, Assistant Professor, Catholic University, Rome, Italy

Andrea Manto, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1993, Thesis Committee, Specialty Thesis in Geriatrics and Gerontology, 1997, Physician and Catholic Minister

Claudio Pedone, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1995, Currently, Assistant Professor, Catholic University, Rome, Italy

Valeria Cardone, Catholic University, Rome, Italy, Thesis Committee, Medical Doctor Degree, 1995, Currently Practicing Physician

Rebecca Crone, University of Tennessee, Memphis, PharmD student, May-July 1997, PharmD

Mauro Di Bari, MD, University of Tennessee, Memphis, August 1998 - December 1999, Masters of Science in Epidemiology expected in 1999, Currently Associate Professor, Wake Forest University School of Medicine, Winston Salem, NC

Lonneke Franse, MPH, University of Tennessee, Memphis, Visiting Scholar, October 1998 - September 1999, Currently Researcher Dutch Cancer Society, the Netherlands

Christy Carter, PhD, research Associate, Wake Forest University, Winston Salem School of Medicine, NC, September 1999-2005, Currently Assistant Professor, Department of Aging and Geriatric Research, University of Florida, Gainesville, FL

Chiara Cavazzini, MD, Wake Forest University School of Medicine, Winston Salem, NC, Geriatrics Fellow, March 2000-October 2000, Currently Researcher at the Italian National Institute for Research and Health Care of the Elderly, Florence, Italy

Graziano Onder, MD, Wake Forest University School of Medicine, Winston Salem, NC, Research Fellow, August 2000- May 2002, Research Associate, Wake Forest University School of Medicine, Winston Salem, NC

Dora Iliassova, PhD, Wake Forest University School of Medicine, Winston Salem, NC, Research Fellow, April 2002-2005, Research Fellow, Wake Forest University School of Medicine, Winston Salem, NC

Hal Atkinson, MD, Wake Forest University School of Medicine, Winston Salem, NC, July 2002-2005, Instructor, Wake Forest University School of Medicine, Winston Salem, NC

Brenda Penninx, PhD, Wake Forest University, Winston Salem School of Medicine, NC, Brookdale Foundation Leadership on Aging award, May 2000-April 2002, Associate Professor, Wake Forest University School of Medicine, Winston Salem, NC

Matteo Cesari, MD, Research Associate, Wake Forest University School of Medicine, Winston Salem, NC and later Lecturer, University of Florida, Gainesville, FL, May 2002-March 2009

Cinzia Maraldi, MD, Research Fellow, University of Florida, Gainesville, FL, November 2004-October 2006

Irene Mangani, MD, Research Fellow, University of Florida, Gainesville, FL, January 2005-June 2006

Todd Manini, PhD, Associate Professor, University of Florida, Gainesville, FL, August 2006-Present.

Steve Anton, PhD, Associate Professor, University of Florida, Gainesville, FL, June 2007-Present.

Bridgett Rahim Williams, Assistant Professor, University of Florida, Gainesville, FL, June 2006-1010

Joe Nocera, PhD, Lecturer, University of Florida, Gainesville, FL, June 2009-2012.

Thomas Buford, PhD, Assistant Professor, University of Florida, Gainesville, FL, June 2009-June 2017.

Vonetta Dotson, PhD, Assistant Professor, University of Florida, Gainesville, FL, June 2011-

14.

Yenisel Cruz-Almeida, PhD, Assistant Professor, University of Florida, Gainesville, FL, June 2014-Present.

Vincenzo Valiani, MD, Geriatric Medicine Fellow, Visiting Scientist University of Florida, Gainesville, FL, 2016-2017.

Robert Fieo, PhD, Assistant Professor, University of Florida, Gainesville, FL, June 2015-Present.

TEACHING ACTIVITIES

Geriatric Fellowship, Department of Medicine. University of Florence, 2008-10.

Clinical Research Investigator / Coordinator Certificate Program. Wake Forest University School of Medicine. Designed and taught the course. Ethics and integrity in clinical research. Spring 2000

Course of Pharmacoepidemiology (course # 861), Masters of Science in Epidemiology, The University of Tennessee, Memphis, Course Director, 3 credit hours, 9 students, designed and taught the course. Spring 1999-Summer 1999.

Preventive Medicine (course # 111), College of Medicine, The University of Tennessee, Memphis, 3 credit hours, 160 students, designed and taught 1 lecture, taught course Journal Clubs, 1996-1999.

Intervention trials (course # 823), Masters of Science in Epidemiology, The University of Tennessee, Memphis, 3 credit hours, 9 students, Designed and taught 1 lecture. Spring 1999-Summer 1999.

Course of Pharmacoepidemiology, Post Doctoral Training Program in Pharmacology, Department of Pharmacology. University of Florence, 3 credit hours, 10 students, designed and taught 8 lectures, 1994-1999.

Course of Pharmacoepidemiology for the Italian Society of Gerontology and Geriatrics, Catholic University, Rome, Italy, Course director, 2 credit hours, 20 students, designed and taught the course. September 1997.

Course of Geriatric Outpatient care. Post doctoral training in Geriatrics and Gerontology. Catholic University, Rome, Course director, designed and taught the course, 3 credit hours, 20 students, 1992-1996.

Course of Medicine. Post doctoral training in Internal Medicine. Catholic University, Rome, designed and taught 4 lectures, 3 credit hours, 20 students, 1994-1996.

Course of Drug Use in the Elderly for health care professionals. Catholic University, Rome, designed and taught 8 lectures, 45 students, 1994 -1995.

Course of Geriatric Assessment. Catholic University, Rome, designed and taught 4 lectures, 45 students, 1993.

GRANT SUPPORT

During his career Dr. Pahor has been awarded **over \$160 million in extramural grants** of which he was the Principal Investigator.

ACTIVE PEER REVIEWED GRANT SUPPORT

1. Funding agency: NIH NIA R33AG056540. (PI Pahor - Anton). Project title: The University of Florida Jacksonville Aging Studies Center - (JAX-ASCENT). The goal of this project is to develop a research on aging infrastructure in Jacksonville, FL. Award dates: 9/15/2017 – 9/14/2022. Total cost: \$3,767,000.
2. Funding Agency: NIH NIA U01AG022376. (PI Pahor) Project title: The LIFE Study – Lifestyle Interventions For independence in Elders – A multicenter randomized controlled trial of physical exercise to prevent major mobility disability. Award dates: 9/1/2009 – 11/30/2018. Total amount: \$64,400,000.
3. Funding Agency: NIH NIA P30 AG028740. (PI Pahor) Project title: Claude D. Pepper Older Americans Independence Center (OAIC), Principal Investigator: Marco Pahor, MD; The mission of the University of Florida Older Americans Independence Center (OAIC) is twofold: 1) to optimize older persons' physical performance and mobility through interdisciplinary approaches; and 2) to train new investigators in aging and disability research while developing their leadership qualities. Our goal is to enhance late-life health and independence, with a special focus on mobility. Award dates: 4/1/17-3/31/22. Total amount: \$4,797,983.
4. Funding Agency: NIH NIA U01AG050499 (PI Pahor - Ambrosius). Project title: The ENRGISE Study. ENRGISE will address critical public health issues regarding mobility disability prevention. We will test the anti-inflammatory effects of fish oil and losartan and their impact on mobility in a highly vulnerable population, older adults with elevated levels of inflammation and slow gait speed, at risk of mobility disability. Award dates: 9/1/15-8/31/18. Total amount: \$5,316,653.
5. Funding agency: NIH U24AR071113 (PI Pahor – Miller – Rejseski - Tracy). MoTrPAC consortium coordinating center. The major goal of this project is to assess the molecular transducers of physical activity. Award dates: 12/6/16 – 11/30/22. Total amount: \$9,390,709.
6. Funding agency: Stroke Foundation (PI Pahor). Project title: Atrial fibrillation in the participants of the ENRGISE pilot study. The major goal of this project is to explore the effects of fish oil and losartan on atrial fibrillation. Award dates: 5/4/16 – 8/31/18. Total amount: \$30,000.
7. Funding agency: Abbott (PI Pahor). Project title: ENRGISE Pilot Study. The goal of this project is to provide fish oil and placebo interventions for the ENRGISE pilot study to test their effects on inflammation and mobility in older persons. Award dates 6/1/15 – 8/31/18. Total amount: \$46,500.
8. Funding agency: Biophytis (PI Pahor). Project title: SARA-OBS. The goal of this project is to characterize sarcopenia and sarcopenic obesity in patients aged 65 years and over, at-risk of mobility disability in an observational clinical trial. Award dates: 4/1/17-3/31/19 Total cost: \$423,744.

9. Funding agency: Biophytis (PI Pahor). Project title: SARA-OBS steering committee. The goal of this project is to evaluate the data and participate in the steering committee of the SARA-OBS trial to characterize sarcopenia and sarcopenic obesity in patients aged 65 years and over, at-risk of mobility disability in an observational clinical trial. Award dates: 4/1/17-3/31/19
Total cost: \$42,242.

PAST PEER REVIEWED GRANT SUPPORT

1. Funding Agency: NIH NIA P30 AG028740. (PI Pahor) Project title: Claude D. Pepper Older Americans Independence Center (OAIC). Award dates: 4/1/12 - 3/31/17 Total amount: \$5,200,000.
2. Funding Agency: NIH NIA U01AG030644 (PI Snyder, Pahor PI at the University of Florida field center). Project title: Testosterone Trial. The goal of this multicenter trial is to assess the effects of testosterone replacement on sexual function, vitality and physical function in older hypogonadal men. Award dates: 8/1/2009 – 7/31/2015. Total amount for the University of Florida field center: \$2,487,400.
3. Funding Agency: NIH NIA5U01AG051421 (PI Bhasin, Pahor Col) Project title: Muscle mass and strength cut-points associated with mobility limitation in older adults. The goal of this project is to conduct analyses of datasets on older populations with high prevalence of mobility disability to develop clinically meaningful diagnostic cut-points for low muscle mass and/or low muscle strength. Award dates: 10/01/15-9/30/17. Total amount: \$40,331
4. Funding agency: NIH R01DK099334 (PI Cohen, Pahor Co-I). Project title: Obesity and type-2 diabetes: Bariatric surgery effects on brain function (WISE Brain). This prospective longitudinal study examines whether cerebral metabolic and vascular dysfunction, including glucose/insulin disturbances (co-morbid diabetes) underlie obesity-associated cognitive dysfunction, and whether significant weight loss and diabetes remission following bariatric surgery reduces these disturbances. Award dates: 7/1/14 – 11/4/16. Total amount: \$1,826,328.
5. Funding Agency: NIH NCRR C06RR029852 (PI Pahor) Project title: Construction Grant, Institute on Aging Clinical Translational Research Building. Award dates: 4/1/10 - 1/31/15. Total amount: \$14,995,000.
6. Funding Agency: NIH-NCRR U54RR025208 (PI Nelson, Pahor Director of the KL2 training program). Project title: UF-Clinical and Translational Science Award. Award dates: 7/1/09 – 6/30/15. Total amount \$5,500,000.
7. Funding Agency: NIH NIA U01AG022376 (PI Pahor). Project title: Physical exercise to prevent disability, LIFE Study – NHLBI Supplement to assess sleep disturbances and cardiopulmonary outcomes. Award dates: 9/1/09 – 8/31/15. Total amount: \$9,400,000.
8. Funding agency: NIH P30AG028740 (PI Pahor). Project title: OAIC revision of scope "Mitochondrial function and fatigue". Award dates: 9/1/2009-8/31/2012. Total amount: \$218,000.
9. Funding agency: NIH NIA R01 AG026556-01 (PI Pahor). Project title: Oxidative damage, disability and mortality in elders. Ancillary study to the Health, Aging and Body Composition study aimed at evaluating the predictive value of oxidative damage, platelet activation and

- inflammation for incident mobility disability and mortality in older persons. Award dates: 7/1/07 – 6/30/12. Total amount: \$725,000.
10. Funding Agency: NIH NIA P30 AG028740-01 (PI Pahor). Project title: Claude D. Pepper Older Americans Independence Center (OAIC). Award dates: 4/1/07-3/31/12 Total amount: \$3,800,000.
 11. Funding agency: NIH NIA U01 AG022376 (PI Pahor). Project title: Physical Exercise to Prevent Disability - LIFE Pilot Study – Lifestyle Interventions For independence in Elders – A multicenter randomized controlled trial of physical exercise to prevent major mobility disability. Award dates: 9/30/03-9/29/09. Total amount: \$11,374,872.
 12. Funding agency: NIH, NIA R01AG024526 (PI Carter, Pahor Col). Project title: ACE Inhibition and Physical Performance in aged rats. Award dates: 9/1/05 – 8/31/11. Total amount: \$1,793,750.
 13. Funding Agency: NIH NIA R01AG027529 (PI Nicklas, Pahor Col). Project title: Exercise training and inflammatory risk factors for disability. Award dates: 7/1/06 – 6/30/11. Total amount: \$401,295.
 14. Funding agency: NIH, NIA R01AG025119. (PI Verghese, Pahor Col). Project title: Latent Mobility Abnormalities and Frailty. Award dates: 8/1/2005 – 7/31/2010. Total subcontract with the Albert Einstein University amount: \$74,078.
 15. Funding agency: NIH R01 HL0729729 (PI Pahor). Project title: The Epidemiology of Stress and the Metabolic Syndrome. Award dates: 09/01/03-08/31/08 Total amount: \$1,017,445.
 16. Funding Agency: NIH NIA P30 AG028740-01S01 (PI Pahor). Project title: Claude D. Pepper Older Americans Independence Center (OAIC); Minority supplement for Bridgett Rahim-Williams DDS. Factors underlying ethnic group differences in pain and disability associated with knee osteoarthritis. Award dates: 12/1/08-11/30/10. Total amount: \$150,000.
 17. Funding Agency: State of Florida (PI Pahor). Project title: Program of Excellence for Interdisciplinary Research Career Development in Aging. Award dates: 9/1/07 – 8/31/08. Total amount: \$450,000.
 18. Funding Agency: NIH R01 AG18702-01A1, Principal Investigator: Marco Pahor, Project title: Gene Polymorphisms and Prevention of Disability. Award dates 8/1/01-7/31/06, Total amount: \$1,661,938.
 19. Funding Agency: NIH R01HL/AG68901 (PI Pahor). Project title: ACE inhibition and novel cardiovascular risk factors. Award dates 2/1/02 - 1/31/06. Total amount: \$1,956,329.
 20. Funding agency: NIH NIA P30 AG021332 (PI Pahor). Project title: Claude D. Pepper Older Americans Independence Centers. Award dates: 09/01/02-08/31/07. Total amount: \$7,314,000.
 21. Funding agency: NIH NIA P30 AG021332S (PI Pahor). Project title: Claude D. Pepper Older Americans Independence Centers Supplement: “Skeletal Muscle Metabolism”. Award dates: 07/01/03-06/30/05. Total amount: \$142,000.

22. Funding agency: NIH NIA R01AG023629 (PI Newman, Pahor PI of the Wake Forest University field center). Project title: Exceptional Aging: 12-year trajectories to function. Award dates: 09/15/04-09/14/07, Total amount subcontract with U. of Pittsburgh: \$935,760.
23. Funding agency: NIH NIA P30AG021332 (PI Pahor). Project title: Claude D. Pepper Older Americans Independence Centers – OAIC Coordinating Function, Competitive Supplement. Award dates: 09/30/04-06/30/05 Total amount: \$145,000.
24. Funding agency: NIH NIA P60AG10484 (PI Pahor). Project title: Claude D. Pepper Older Americans Independence Centers. Award dates: 07/01/97-10/31/02. Total amount: \$8,215,301.
25. Funding agency: NIH NIA P60AG10484S (PI Pahor). Project title: Claude D. Pepper Older Americans Independence Centers Supplement: "Ultrasound Characterization of Aging Rat Skeletal Muscle Tissue". Award dates: 07/01/02-06/30/03. Total amount: \$100,000.
26. Funding Agency: NIH NIA R03AG019936 (PI Pahor). Project title: Modeling Preclinical Disability in Aged Rats. The major goals of this project are to assess in animals, the predictive validity of a procedure for assessing physical performance and disability measures that are associated with the aging process. Award dates 9/1/01 - 8/31/03. Total amount: \$72,292.
27. Funding agency: NIH NIA N01-AG-6-2103 (PI Kritchevsky, Pahor Co-PI). Project title: Dynamics of Health, Aging and Body Composition (Health ABC)-Field Center. Award dates: 3/29/96 - 7/22/99. Total amount: \$6,699,623.
28. Funding Agency: NIH R21AG19353 (PI Pahor). Project title: Exercise to prevent disability and cardiovascular events. Award dates 4/1/01-3/31/03. Total amount: \$217,125.
29. Funding agency: American Heart Association 9970066N (PI Pahor). Project title: Cytokines, cardiovascular events, disability and body composition in an older biracial population. Award dates: 1/1/99 - 12/31/02, Total amount: \$495,117.
30. Funding agency: Brookdale Foundation Leadership on Aging award. Project title: The role of inflammation and health behavior in the detrimental physical health consequences of late-life depression, Tutor: Marco Pahor, M.D. Fellow: Brenda Penninx, PhD. Award dates: 07/01/20 - 06/30/02, Total amount: \$100,000.
31. Funding agency: NIH NHLBI R03HL5995-01A1 (PI Pahor). Project title: Cost-effectiveness of treating hypertension in SHEP. Award dates: 7/1/98 - 6/30/01. Total amount: \$134,680.
32. Funding agency: Italian Ministry of Research (PI Pahor). Project title: Cytokines, heart failure, muscle mass and physical function in older adults. Award dates: 1/1/99 - 12/21/00. Total amount: \$90,000.
33. Funding agency: UT Medical Group R07-3236-65 (PI Pahor). Project title: Long-Acting Calcium Channel Blockers and Cancer. Award dates: 5/1/97-4/30/99. Total amount: \$51,076.
34. Funding agency: NIH (PI Pahor). Project title: Professional Services Contract: Analyses of analgesic medications in the Women's Health and Aging Study (WHAS). Award dates: 1/1/98 - 7/31/98. Total amount: \$4,000.

35. Funding agency: NIH, Epidemiology Demography and Biometry Program, NIA (PI Pahor). Project title: Data analyses in the Established Populations for Epidemiologic Studies of the Elderly (EPESE) database. Award dates 1993-1995*.
36. Funding agency: Italian National Council for Research (PI Carbonin, Pahor PI of the coordinating center). Project title: Italian Group of Pharmacoepidemiology in the Elderly (GIFA). Award dates: 1988-1994*.
37. Funding agency: Italian Ministry of Research (PI Pahor). Project title: Calcium channel blocker use and risk of bleeding. Award dates: 7/1995 - 6/1996*.
38. Funding agency: Italian Ministry of Research (PI Pahor). Project title: Risk of adverse drug reactions to digoxin in older patients. Award dates: 7/1993 - 6/1994*.
39. Funding agency: Italian National Council for Research (PI Carbonin, Pahor PI of the coordinating center). Project title: Calcium Antagonist Reinfarction Italian Study (CRIS). Award dates: 1983 - 1988*.

* The dollar amount of financial support earned in Italy is not comparable to that earned in the US. In Italy, grants do not support faculty salary which in general is paid by the Italian Government.

PAST INDUSTRY GRANT SUPPORT

1. Funding agency: Regeneron Pharma (Pahor PI). Project title: A randomized study of the REGN1033 treatment on body composition. Award dates: 16/13 – 7/5/16. Total amount: \$431,403.
2. Funding agency: Regeneron Pharma (Pahor PI). Project title: Regeneron 1239 A randomized study of the REGN1033 treatment on body composition. Award dates: 1/23/14 – 7/5/16. Total amount: \$221,866.
3. Funding agency: Ortho Biotech, Award name: Research Fellowship Grant, Project title: Research Fellowship: Consequences of Anemia in Aging: An In-depth Epidemiological Analysis, Principal Investigator: Marco Pahor, M.D. Award dates: 07/01/03-06/30/06, Total amount: \$175,009
4. Funding agency: Advanced Biomedical Research, Project title: Vitamin supplements and blood pressure control, Principal Investigator: Marco Pahor, M.D. Total amount: \$45,000.
5. Funding agency: Ortho Biotech, Award name: Research Grant, Project title: Further exploring the health impact of anemia, Principal Investigator: Marco Pahor, M.D., Total amount: \$80,000
6. Funding agency: BMS, Project title: Validation of arithmetic physical performance measures in the elderly, Principal Investigator: Marco Pahor, M.D. Total amount: \$35,000.
7. Funding agency: BMS, Project title: Evaluating physical performance measures and determining a useful set of tests in the elderly, Principal Investigator: Marco Pahor, M.D. Beginning date of award: 08/01/2000, Ending date of award: 07/31/2004, Total amount: \$50,000.
8. Funding agency: Novartis, Project title: Multinational, multicenter, double-blind, randomized, placebo controlled, parallel group study comparing the efficacy of intravenous zoledronic acid in preventing secondary osteoporotic fractures after a hip fracture (HORIZON). Principal Investigator: Marco Pahor, M.D. Total amount: \$75,000.
9. Funding agency: Pfizer, Award name/ID Number: BG99-395, Project title: A randomized, double-

- blind, placebo controlled, five parallel group study of the effect of CP-424, 391 on physical performance and body composition in older subjects, Principal Investigator: Marco Pahor, M.D. Beginning date of award: 11/01/99, Ending date of award: 10/31/01, Total amount: \$400,000.
10. Funding agency: Merck, Award name/ID Number: 172-001, Project title: Effects of Angiotensin Receptor Blockade on PAI-1 and Interleukin-6: Comparison of Losartan Versus Placebo, Principal Investigator: Marco Pahor, MD, Beginning date of award: 7/2/98, Ending date of award: 6/30/00, Total amount: \$49,980.
 11. Funding agency: Merck, Project title: A multicenter double blind randomized parallel-group placebo controlled study to investigate the antihypertensive efficacy and safety of Losartan in African Americans with mild to moderate hypertension, Principal Investigator at the Memphis site: Marco Pahor, MD, Beginning date of award: 4/1/98, Ending date of award: 3/31/99, Total amount: \$61,000.
 12. Funding agency: Merck, Project title: Serum uric acid, diuretic treatment and risk of cardiovascular events in the Systolic Hypertension in the Elderly Program (SHEP), Principal Investigator: Marco Pahor, MD, Beginning date of award: 1/31/99, Ending date of award: 1/30/00, Total amount: \$29,885.
 13. Funding agency: Bristol Myers Squibb, Project title: Fosinopril versus Amlodipine Comparative Treatments Study (FACTS), Principal Investigator: Marco Pahor, MD, Beginning date of award: 7/2/98, Ending date of award: 12/31/99, Total amount: \$150,000.
 14. Funding agency: Bristol Myers Squibb, Project title: Scholarship to fund data analyses in epidemiologic databases Principal Investigator: Marco Pahor, MD, Beginning date of award: 10/1/98, Ending date of award: 9/30/99, Total amount \$40,000.
 15. Funding agency: Bristol Myers Squibb Italy, Project title: Effect of Pravastatin on Elevated Blood Pressure, Principal Investigator in Memphis: Marco Pahor, MD, Beginning date of award: 7/1/98, Ending date of award: 4/31/99, Total amount: \$15,000.
 16. Funding agency: Novartis, Project title: Diovan Antihypertensive Long-term Use Evaluation (VALUE), Principal Investigator in Memphis: Marco Pahor, MD, Beginning date of award: 4/1/1998, Ending date of award: 12/31/2004, Total amount: \$115,078.
 17. Funding agency: Bristol Myers Squibb, Project title: Comparison of omapatrilat and lisinopril on blood pressure control in hypertensive African Americans, Principal Investigator in Memphis: Marco Pahor, MD, Beginning date of award: 12/1/1998, Ending date of award: 6/30/1999, Total amount: \$33,204.
 18. Funding agency: Bristol Myers Squibb, Project title: Fosinopril versus Amlodipine Cardiovascular Events Trial (FACET), Principal Investigator in Memphis: Marco Pahor, MD, Beginning date of award: 12/15/96, Ending date of award: 7/1/97, Total amount: \$15,000.
 19. Funding agency: Molteni Farmaceutici, Florence, Italy, Project title: Epidemiologic studies of safety of laxative medications, Principal Investigator: Marco Pahor, MD, Beginning of award: 1/8/1992, Ending of award: 30/11/1992
 20. Funding agency: Neopharmed Italy, Project title: Italian Group of Pharmacoepidemiology in the Elderly (GIFA), Principal Investigator: Pierugo Carbonin, Principal Investigator of the Coordinating Center: Marco Pahor, MD. Beginning of award: 1993, Ending of award: 1996
 21. Funding agency: Fidia, Italy, Scholarship award to attend courses in Geriatric Epidemiology in Praglia, Italy held by investigators from the NIA and the Johns Hopkins University, 1990-1992
 22. Funding agency: Sigma-Tau, Italy, Project title: Effect of ACE inhibitors on cardiac fibrosis and arrhythmias in spontaneously hypertensive rats, Principal Investigator: Marco Pahor, MD,

Beginning of award: 1988, Ending of award: 1990

23. Funding agency: Knoll, Italy, Project title: Calcium Antagonist Reinfarction Italian Study (CRIS), Principal Investigator: Pierugo Carbonin, Co-Investigator of the Coordinating Center: Marco Pahor, MD. Beginning of award: 1983, Ending of award: 1988
24. Funding agency: Knoll, Italy, Project title: Effect of verapamil on reperfusion ventricular arrhythmias in isolated rat heart preparations, Principal Investigator: Marco Di Gennaro, Co-investigator: Marco Pahor, MD, Beginning of award: 1979, Ending of award: 1982

PUBLICATIONS IN PEER REVIEWED JOURNALS

As of February 9, 2018, the **452 peer reviewed** publications resulted in **41,394 citations**, **H-Index = 103**, and **i-10 index** (number of publications with at least 10 citations) = **299** as reported in Google Scholar

1. Vellas B, Fielding RA, Bens C, Bernabei R, Cawthon PM, Cederholm T, Cruz-Jentoft AJ, Del Signore S, Donahue S, Morley J, Pahor M, Reginster JY, Rodriguez Manas L, Rolland Y, Roubenoff R, Sinclair A, Cesari M. Implications of ICD-10 for Sarcopenia Clinical Practice and Clinical Trials: Report by the International Conference on Frailty and Sarcopenia Research Task Force. *The Journal of frailty & aging*. 2018;7(1):2-9
2. Hooper C, De Souto Barreto P, Pahor M, Weiner M, Vellas B. The Relationship of Omega 3 Polyunsaturated Fatty Acids in Red Blood Cell Membranes with Cognitive Function and Brain Structure: A Review Focussed on Alzheimer's Disease. *The journal of prevention of Alzheimer's disease*. 2018;5(1):78-84
3. Trombetti A, Hars M, Hsu FC, Reid KF, Church TS, Gill TM, King AC, Liu CK, Manini TM, McDermott MM, Newman AB, Rejeski WJ, Guralnik JM, Pahor M, Fielding RA. Effect of Physical Activity on Frailty: Secondary Analysis of a Randomized Controlled Trial. *Annals of internal medicine*. 2018
4. Mohler ER, 3rd, Ellenberg SS, Lewis CE, Wenger NK, Budoff MJ, Lewis MR, Barrett-Connor E, Swerdloff RS, Stephens-Shields A, Bhasin S, Cauley JA, Crandall JP, Cunningham GR, Ensrud KE, Gill TM, Matsumoto AM, Molitch ME, Pahor M, Preston PE, Hou X, Cifelli D, Snyder PJ. The Effect of Testosterone on Cardiovascular Biomarkers in the Testosterone Trials. *The Journal of clinical endocrinology and metabolism*. 2018;103(2):681-688
5. Cochrane SK, Chen SH, Fitzgerald JD, Dodson JA, Fielding RA, King AC, McDermott MM, Manini TM, Marsh AP, Newman AB, Pahor M, Tudor-Locke C, Ambrosius WT, Buford TW. Association of Accelerometry-Measured Physical Activity and Cardiovascular Events in Mobility-Limited Older Adults: The LIFE (Lifestyle Interventions and Independence for Elders) Study. *Journal of the American Heart Association*. 2017;6(12)
6. Corbett DB, Rejeski WJ, Tudor-Locke C, Glynn NW, Kritchevsky SB, McDermott MM, Church TS, Fielding RA, Gill TM, King AC, Miller ME, Chen H, **Pahor M**, Manini TM, Investigators LS. Social Participation Modifies the Effect of a Structured Physical Activity Program on Major Mobility Disability Among Older Adults: Results From the LIFE Study. *J Gerontol B Psychol Sci Soc Sci* 2017.
7. Layne AS, Hsu FC, Blair SN, Chen SH, Dungan J, Fielding RA, Glynn NW, Hajduk AM, King AC, Manini TM, Marsh AP, **Pahor M**, Pellegrini CA, Buford TW, Investigators LS. Predictors of Change in Physical Function in Older Adults in Response to Long-Term, Structured Physical Activity: The LIFE Study. *Archives of physical medicine and rehabilitation*. 2017;98(1):11-24 e13

8. Wanigatunga AA, Tudor-Locke C, Axtell RS, Glynn NW, King AC, McDermott MM, Fielding RA, Lu X, **Pahor M**, Manini TM. Effects of a Long-Term Physical Activity Program on Activity Patterns in Older Adults. *Med Sci Sports Exerc.* 2017;49(11):2167-2175
9. Chen H, Rejeski WJ, Gill TM, Guralnik J, King AC, Newman A, Blair SN, Conroy D, Liu C, Manini T, **Pahor M**, Ambrosius WT, Miller ME. Comparison of Self-Report Indices of Major Mobility Disability to Failure on the 400-Meter Walk Test: The LIFE Study. *J Gerontol A Biol Sci Med Sci.* 2017
10. Layne AS, Krehbiel LM, Mankowski RT, Anton SD, Leeuwenburgh C, **Pahor M**, Sandesara B, Wu SS, Buford TW. Resveratrol and exercise to treat functional limitations in late life: design of a randomized controlled trial. *Contemporary clinical trials communications.* 2017;6:58-63
11. Chen H, Ambrosius WT, Murphy TE, Fielding R, **Pahor M**, Santanasto A, Tudor-Locke C, Jack Rejeski W, Miller ME. Imputation of Gait Speed for Noncompleters in the 400-Meter Walk: Application to the Lifestyle Interventions for Elders Study. *J Am Geriatr Soc.* 2017
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13. Mankowski RT, Anton SD, Axtell R, Chen SH, Fielding RA, Glynn NW, Hsu FC, King AC, Layne AS, Leeuwenburgh C, Manini TM, Marsh AP, **Pahor M**, Tudor-Locke C, Conroy DE, Buford TW. Device-Measured Physical Activity As a Predictor of Disability in Mobility-Limited Older Adults. *J Am Geriatr Soc.* 2017;65(10):2251-2256
14. Manini TM, Anton SD, Beavers DP, Cauley JA, Espeland MA, Fielding RA, Kritchevsky SB, Leeuwenburgh C, Lewis KH, Liu C, McDermott MM, Miller ME, Tracy RP, Walston JD, Radziszewska B, Lu J, Stowe C, Wu S, Newman AB, Ambrosius WT, **Pahor M**. ENabling Reduction of Low-grade Inflammation in SENiors Pilot Study: Concept, Rationale, and Design. *J Am Geriatr Soc.* 2017;65(9):1961-1968
15. Valiani V, Lauze M, Martel D, **Pahor M**, Manini TM, Anton S, Aubertin-Leheudre M. A New Adaptive Home-based Exercise Technology among Older Adults Living in Nursing Home: A Pilot Study on Feasibility, Acceptability and Physical Performance. *The journal of nutrition, health & aging.* 2017;21(7):819-824
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17. Gill TM, Beavers DP, Guralnik JM, **Pahor M**, Fielding RA, Hauser M, Manini TM, Marsh AP, McDermott MM, Newman AB, Allore HG, Miller ME. The effect of intervening hospitalizations on the benefit of structured physical activity in promoting independent mobility among community-living older persons: secondary analysis of a randomized controlled trial. *BMC medicine.* 2017;15(1):65
18. Valiani V, Chen Z, Lipori G, **Pahor M**, Sabba C, Manini TM. Prognostic Value of Braden Activity Subscale for Mobility Status in Hospitalized Older Adults. *J Hosp Med* 2017;12:396-401.
19. Calvani R, Marini F, Cesari M, Buford TW, Manini TM, **Pahor M**, Leeuwenburgh C, Bernabei R, Landi F, Marzetti E. Systemic inflammation, body composition, and physical performance in old community-dwellers. *J Cachexia Sarcopenia Muscle* 2017; 8(1):69-77.

20. Cesari M, Landi F, Calvani R, Cherubini A, Di BM, Kortebein P, Del SS, Le LR, Vellas B, **Pahor M**, Roubenoff R, Bernabei R, Marzetti E. Rationale for a preliminary operational definition of physical frailty and sarcopenia in the SPRINTT trial. *Aging Clin Exp Res* 2017.
21. Extermann M, Leeuwenburgh C, Samiiian L, Sehovic M, Xu J, Cubitt C, Jacobsen PB, **Pahor M**, Grobmyer SR, Manini TM. Impact of chemotherapy on medium-term physical function and activity of older breast cancer survivors, and associated biomarkers. *J Geriatr Oncol* 2017; 8(1):69-75. PMID: PMC5299045
22. King AC, Salvo D, Banda JA, Ahn DK, Chapman JE, Gill TM, Fielding RA, Demons J, Tudor-Locke C, Rosso A, **Pahor M**, Frank LD. Preserving older adults' routine outdoor activities in contrasting neighborhood environments through a physical activity intervention. *Prev Med* 2017; 96:87-93.
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24. Manini TM, Beavers DP, **Pahor M**, Guralnik JM, Spring B, Church TS, King AC, Folta SC, Glynn NW, Marsh AP, Gill TM. Effect of Physical Activity on Self-Reported Disability in Older Adults: Results from the LIFE Study. *J Am Geriatr Soc* 2017.
25. Marzetti E, Calvani R, Tosato M, Cesari M, Di BM, Cherubini A, Broccatelli M, Saveria G, D'Elia M, **Pahor M**, Bernabei R, Landi F. Physical activity and exercise as countermeasures to physical frailty and sarcopenia. *Aging Clin Exp Res* 2017.
26. Marzetti E, Calvani R, Tosato M, Cesari M, Di BM, Cherubini A, Collamati A, D'Angelo E, **Pahor M**, Bernabei R, Landi F. Sarcopenia: an overview. *Aging Clin Exp Res* 2017.
27. Resnick SM, Matsumoto AM, Stephens-Shields AJ, Ellenberg SS, Gill TM, Shumaker SA, Pleasants DD, Barrett-Connor E, Bhasin S, Cauley JA, Cella D, Crandall JP, Cunningham GR, Ensrud KE, Farrar JT, Lewis CE, Molitch ME, **Pahor M**, Swerdloff RS, Cifelli D, Anton S, Basaria S, Diem SJ, Wang C, Hou X, Snyder PJ. Testosterone Treatment and Cognitive Function in Older Men With Low Testosterone and Age-Associated Memory Impairment. *JAMA* 2017; 317(7):717-727.
28. Rosano C, Guralnik J, **Pahor M**, Glynn NW, Newman AB, Ibrahim TS, Erickson K, Cohen R, Shaaban CE, MacCloud RL, Aizenstein HJ. Hippocampal Response to a 24-Month Physical Activity Intervention in Sedentary Older Adults. *Am J Geriatr Psychiatry* 2017; 25(3):209-217.
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30. Santanasto AJ, Glynn NW, Lovato LC, Blair SN, Fielding RA, Gill TM, Guralnik JM, Hsu FC, King AC, Strotmeyer ES, Manini TM, Marsh AP, McDermott MM, Goodpaster BH, **Pahor M**, Newman AB. Effect of Physical Activity versus Health Education on Physical Function, Grip Strength and Mobility. *J Am Geriatr Soc* 2017.
31. Aubertin-Leheudre M, Anton S, Beavers DP, Manini TM, Fielding R, Newman A, Church T, Kritchevsky SB, Conroy D, McDermott MM, Botosaneanu A, Hauser ME, **Pahor M**. Dynapenia and Metabolic Health in Obese and Nonobese Adults Aged 70 Years and Older: The LIFE Study. *J Am Med Dir Assoc* 2016.
32. Vaz Fragoso CA, Beavers DP, Anton SD, Liu CK, McDermott MM, Newman AB, **Pahor M**, Stafford RS,

- Gill TM. Effect of Structured Physical Activity on Respiratory Outcomes in Sedentary Elderly Adults with Mobility Limitations. *J Am Geriatr Soc* 2016;64:501-9.
33. Valiani V, Gao S, Chen Z, Swami S, Harle CA, Lipori G, Sourdet S, Wu S, Nayfield SG, Sabba C, **Pahor M**, Manini TM. In-Hospital Mobility Variations Across Primary Diagnoses Among Older Adults. *J Am Med Dir Assoc* 2016;17:465-8.
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 35. Newman AB, Dodson JA, Church TS, Buford TW, Fielding RA, Kritchevsky S, Beavers D, **Pahor M**, Stafford RS, Szady AD, Ambrosius WT, McDermott MM. Cardiovascular Events in a Physical Activity Intervention Compared With a Successful Aging Intervention: The LIFE Study Randomized Trial. *JAMA cardiology* 2016;1:568-74.
 36. Marzetti E, Calvani R, Cesari M, Tosato M, Cherubini A, Di BM, **Pahor M**, Saveria G, Collamati A, D'Angelo E, Bernabei R, Landi F. Operationalization of the physical frailty & sarcopenia syndrome: rationale and clinical implementation. *Transl Med UniSa* 2016;13:29-32.
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9. Bernabei, R., **Pahor, M.**, Landi, F., and Menichelli, P. Geriatric Assessment: approccio metodologico. In: *Trattato di gerontologia e geriatria*, edited by Crepaldi, G. Torino:Utet, 1993, p. 186-192.

10. **Pahor, M.** Data management. Medications database. In: *In Women's Health and Aging Study. Manual of Operations. Study Design and Methods*, edited by Fried, L.P., German, P.S., and Guralnik, J. Baltimore: NIA, 1993, p. VI-2-VI-4.
11. **Pahor, M.**, Manto, A., Sgadari, A., Bernabei, R., Gambassi, G., Jr., Carosella, L., and Antico, L. Il controllo di qualità dell'assistenza all'anziano: i risultati del gruppo italiano di farmacoepidemiologia dell'anziano (G.I.F.A.) sull'ospedalizzazione impropria e le reazioni avverse da farmaci. In: *Convegno CNR su: realtà e prospettive dei sistemi di valutazione dell'anziano nei servizi sociali e sanitari in Italia*, edited by Antico, L., Bernabei, R., Carbonin, P.U., Caretta, F., and Petrini, M. Roma: CNR, 1992, p. 123-168.
12. Bernabei, R., **Pahor, M.**, Carosella, L., Sgadari, A., Del Sindaco, D., Menichelli, P., Gambassi, G., Jr., and Carbonin, P.U. Il controllo di qualità nell'assistenza all'anziano. In: *Non autosufficienza dell'anziano strategie operative e sistema sanitario nazionale a confronto*, edited by Carbonin, P.U. and Bernabei, R. Milano: Vita e Pensiero, 1990, p. 167-185.
13. Bernabei, R., Carbonin, P.U., Cocchi, A., **Pahor, M.**, Sgadari, A., and Zuccala, G. Invecchiamento e patologia cardiovascolare. Milano: Librex, 1990, p. 30-34.
14. Carbonin, P.U., **Pahor, M.**, and Ricercatori del GIFA *La qualità dell'assistenza all'anziano in ospedale. Gruppo Italiano di Farmacovigilanza nell'Anziano (GIFA)*, Milano: Vita e Pensiero, 1990.
15. Carbonin, P.U., Bernabei, R., Ferrara, N., Rengo, F., and **Pahor, M.** Calcium antagonist reinfarction italian study. Study design. In: *Hypertension-the next decade*, Berlino: Knoll, 1985, p. 193-196.
16. Carbonin, P.U., Di Gennaro, M., Bernabei, R., and **Pahor, M.** Farmaci metabolici e miocardiotropici stato reale delle nostre conoscenze. Roma: 1985, p. 532-542.
17. Carbonin, P.U., Di Gennaro, M., Bernabei, R., Cocchi, A., Carosella, L., **Pahor, M.**, and Taddei, I. The use of the antiarrhythmic agents in the elderly. In: *Aging and drug therapy*, edited by Barbagallo-Sangiorgi, G. and Exton Smith, A.N. Roma: Plenum Publishing Corporation, 1984, p. 283-310.
18. Carbonin, P.U., Di Gennaro, M., Cocchi, A., Bernabei, R., **Pahor, M.**, and Salerno, J.A. Le aritmie da ripercussione nella realtà clinica. In: *In la cardiopatia ischemica silente: simposio nazionale di cardiologia. Firenze marzo 1982*, edited by Prati, P.L. Torino: Schiapparelli, 1982, p. 245-257.
19. Carbonin, P.U., Di Gennaro, M., Cocchi, A., Bernabei, R., and **Pahor, M.** Significato clinico delle aritmie da ripercussione; in atti degli incontri cardiologici mediterranei 1981. *Argomenti di cardiologia*. edited by Critelli, G. Roma: Pozzi, L. 1981, p. 133-144.

PUBLICATIONS: VIDEOS, EDUCATIONAL MEDIA, INTERNET AND SATELLITE BROADCASTING

1. Educational CD ROM on the treatment of hypertension in patients with diabetes edited by the Vascular Biology Working Group, University of Florida. 3 CME hours. January 1999.
2. World Satellite Congress on Hypertension. Four live satellite interactive broadcastings to five continents. Overall audience of more than 10,000 physicians worldwide. Educational video. Presentation on treatment of hypertension in patients with diabetes. Main results of the FACET trial. Washington D.C., March 5, 1998.
3. Internet: Online Continuing Medical Education Course of the Vascular Biology Working Group: Cardiovascular Disease in Diabetic Patients: Possible Causes and Preventive Treatment. <http://www.vbwg.org/> August 1998
4. Internet slide kit: Prevention of CV Events in Patients with Hypertension and Diabetes

<http://www.vbwg.org/meetings/051298/pahor/summary.htm> August 1998

5. Educational slide kit on the Prevention of Cardiovascular Events in Patients with Hypertension and Diabetes. December 1997.
6. Educational slide kit on Evidence Based Medicine. June 1997.
7. Educational slide kit on Safety of Calcium Channel Blockers. February 1997.
8. Educational slide kit on Prevention in Older Age. November 1996.
9. EuroTransMed live satellite interactive broadcasting to 20 European countries on the safety of calcium channel blockers, London, United Kingdom, May 1996.
10. Video: The Women's Health and Aging Study, Educational Video of the Home Exam in Older Disabled Women. Guralnik JM, Fried LP, Simonsick EM, Kasper JD, Lafferty ME, Salive ME, Phillips CL, Cruz JV, Corti MC, Ferrucci L, **Pahor M**, Brock DD, Skinner EA. National Institute on Aging. NIH publication, Bethesda 1995.

ABSTRACTS: over 300 at national and international meetings.

SELECTED RECENT VISITING PROFESSORSHIPS, CME PROGRAMS AND INVITED LECTURES

1. Keynote speaker: Korean Geriatric Society (KGS) 3rd Asian Conference for Frailty & Sarcopenia. "Introduction of NIA activities for gerontology studies in US; for foundation of Korean NIA" October 28, 2017.
2. Keynote speaker: Korean Geriatric Society (KGS) 3rd Asian Conference for Frailty & Sarcopenia. "Interventions to avert frailty in older persons" Seoul, South Korea, October 27, 2017.
3. Keynote speaker International conference on Frailty & Sarcopenia Research : "Clinical interventions to avert inflammation, sarcopenia and frailty". Barcelona, Spain, April 27 2017.
4. Keynote speaker colloque annuel porte sur l'organisation et la gestion du système de soins de santé, Motreal, Canada, Physical activity and prevention of disability. February 9, 2017.
5. Keynote speaker Italian Geriatrics and Gerontology Society Annual Meeting, Naples, Italy, November 30, 2016. Innovative approaches to the prevention of disability in older persons.
6. Keynote speaker Italian Geriatrics and Gerontology Society Annual Meeting, Bologna, Italy, November 27, 2014. The Main results of the LIFE Study
7. Keynote speaker American College Sports Medicine Annual Meeting, Orlando, FL, May 2014. The Main results of the LIFE Study
8. X EAMA advanced postgraduate course in geriatrics. Martigny, Switzerland January 21 - 25, 2013, Teacher's State of the Art Lecture - Exercise in prevention of disability
9. Department of Epidemiology and Public Health, Yong Loo Lin School of Medicine: National University of Singapore, November, 2012 – Physical Activity and Inflammation in older adults.
10. Task force biomarkers in sarcopenia trials, Toulouse, France, June 7 and 8, 2011, Modifiable risk factors for sarcopenia and mobility disability, which could be targeted in multicomponent interventions trials.

11. Department of Epidemiology and Public Health, Yong Loo Lin School of Medicine: National University of Singapore, May 7, 2011 – The LIFE Study.
12. 5th International Academy on Nutrition and Aging, Albuquerque, July 26-27 2010 - Novel Phase 3 Randomized Controlled Trials to Prevent Disability in Older Persons.
13. Unicampus University, Rome, Italy, Geriatric Grand Rounds: Major clinical trials for the prevention of disability, Rome, Italy, June 2009.
14. University of Rome, Keynote Speaker of the Italian Society of Hospital Geriatricians annual meeting: Inflammation, cardiovascular events and disability. Rome, Italy, June 2008
15. University of Texas Medical Branch, Galveston, TX, Geriatric Grand Rounds: Physical activity to prevent disability. Miami, FL, January 2008.
16. University of Miami, Geriatric Grand Rounds: Physical activity to maintain independence in older persons. Miami, FL, January 2007.
17. Italian Society for Gerontology and Geriatrics annual meeting: Opening session keynote speaker: The LIFE study, Florence, Italy, November 2006
18. Program highlight speaker: Study of fractures Steering Committee Meeting, San Diego, Ca, May 15, 2005, Lecture title: Biological markers and physical function in elders.
19. Program highlight speaker: National Institute on Aging National Advisory Council On Aging, Ninety-Third Meeting, Bethesda, September 23, 2004, Lecture title: Aging, ACE Inhibition and Physical Performance.
20. Invited speaker. American Aging Association - 33rd Annual Meeting. St. Petersburg, FL, June 4, 2004. Lecture title: " Effects of physical exercise on inflammation"
21. Invited keynote speaker. International Academy of Nutrition and Aging. Albuquerque, NM, July 11, 2003. Lecture title: " A muscular approach to physical disability and its prevention"
22. Invited Speaker, University of Modena, Italy, Geriatrics Grand Rounds, April 15, 2003. Lecture title: Cytokinemia, cardiovascular disease and disability
23. Invited Speaker, Albert Einstein University, Epidemiology Grand Rounds, New York, NY, December 10, 2002. Lecture title: Inflammation, cardiovascular events and disability in older populations.
24. Invited Speaker, Italian Society of Gerontology and Geriatrics, Montecatini, Italy, November 10, 2002. Lecture title: Intervention trials for the prevention of disability in frail older persons.
25. Invited Speaker: COSECH Meeting, Savannah, Georgia, October 19, 2002. Lecture title: "The Master's Debate: Bridging Research and Clinical Treatment with Clinical Outcomes to Reduce Target Organ Damage in Hypertension - Diuretics ".
26. Invited Speaker, Italian Association of Hospital Cardiologists, annual national meeting, Florence, Italy, May 21, 2002, Lecture title: Lessons Learned From the Landmark Statin Trials.
27. Invited Speaker, American Society for Hypertension annual national meeting, New York, NY, May 16, 2002, Lecture title: The need for cardiovascular risk assessment: rationale and practical guidelines. Symposium title: Assessment of Cardiovascular risk: why and how?
28. Invited speaker, Comparative Biology of Aging Workshop, National Institute on Aging, Bethesda, MD, February 6-7, 2002, Lecture Title: Behavioral correlates in the rat.

29. Invited speaker, Russian Academy of Sciences, Moscow, April 5, 2001. Lecture title: Comparative effects of antihypertensive therapies
30. Invited speaker, Department of Preventive Medicine, University of Buffalo, Buffalo, NY, April 30, 2001, Lecture title: Prevention of physical disability in older persons.
31. Invited speaker, Brookdale Department of Geriatrics and Adult Development, Mount Sinai School of Medicine, NY, March 17, 2001. Lecture title: Novel risk factors of physical disability in older persons.
32. Invited speaker, plenary session of the Italian Society of Gerontology and Geriatrics annual meeting, Florence, Italy, November 23, 2000. Lecture title: New risk factors of physical disability in older persons and novel avenues for intervention
33. Internal Medicine Grand Rounds. Wake Forest School of Medicine, Winston Salem, NC, October 5, 2000. Lecture title: Therapeutic effects of calcium antagonists and other agents.
34. Invited speaker, International Symposium on cardiovascular risk in special populations. Hypertensive disease in women. Bologna Italy, 9/22-23, 2000. Lecture title: Physical disability, an emerging complication of hypertension. Focus on older women.
35. Invited Speaker, International Society of Hypertension Meeting. Chicago, August 19, 2000. Lecture title: The calcium channel blocker controversy in diabetes
36. Visiting Professor, Catholic University, Rome, Italy, February 11, 2000. Lecture title: Cytokines and disability in older persons
37. Invited Speaker at the American Diabetes Association meeting in San Diego, Debate: Should ACE inhibitors be the first line agents for the treatment of hypertension in patients with type 2 diabetes? June 19, 1999.
38. Visiting Professor at Wake Forest University School of Medicine, Winston Salem, NC, Grand Rounds in Medicine: Disease, inflammation and etiology of disability in older persons. March 31-April 1, 1999.
39. Visiting Professor at University of California San Francisco. Lecture: Disease, inflammation and etiology of disability in older persons. March 16-18, 1999.
40. Visiting Professor at Johns Hopkins University, Baltimore, MD: Lecture: Disease, inflammation and etiology of disability in older persons. March 9-10, 1999.
41. Association of Black Cardiologists. Fourth Annual Cardiovascular Summit: Focus on High Risk Patients. Charleston, SC. Lecture: Recent trials in diabetic hypertensives, January 16, 1999.
42. Grand Rounds in General Internal Medicine, University of Tennessee, Memphis. Lecture: Management of hypertension in diabetes, January 27, 1999.
43. The Second International Workshop on Advanced Drug Research in Cardiology. Continuing Medical Education Programme. Lecture: The diabetes hypertension trials, Monte Carlo, December 2-5, 1998.
44. Invited member of the lecturing faculty for the Vascular Biology Working Group Grand Rounds lecture program entitled: "Insults to the vessel wall: redefining therapy for cardiovascular disease". This program is sponsored by the University of Florida College of Medicine. November 20, 1998.
45. American Heart Association annual meeting Satellite Symposium: Hypertension Management in the Next Millennium Key issues and Treatment Options. Continuing Medical Education Programme. Debate question: Should calcium antagonists be the first line agents for the management of hypertension? Dallas,

TX, November 1998

46. Vascular Biology Working Group (VBWG) Meeting. Continuing Medical Education Programme. Lecture: Treatment of hypertension in diabetes. Atlanta, October 1998.
47. Coalition for the Advancement of Cardiovascular Health (COACH). Atlanta. Continuing Medical Education Programme. Lecture: The Diabetic Hypertensive patient, October 1998
48. Visiting Professor, EMGO-Institute, The Free University, Amsterdam, The Netherlands. Lecture: Treatment of hypertension and surrogate outcomes. June 1998
49. Austrian Society of Cardiology Meeting. Gmunden, Austria. Lecture: Prevention of cardiovascular events in diabetes. June 1998
50. International Society of Hypertension Meeting. Satellite Symposium, Amsterdam. Lecture: The Netherlands. FACET, ABCD and MIDAS trials. June 1998
51. Swiss Medical Tribune Round Table on Treatment of Hypertension, Amsterdam, The Netherlands. June 1998
52. American Society of Hypertension. New York. Lecture: The FACET trial. May 1998
53. Vascular Biology Working Group. New York. Continuing Medical Education Programme. Lecture: Prevention of cardiovascular events in patients with diabetes and hypertension. May 1998
54. University of Florence, Italy. Grand Rounds in Medicine. Lecture: Treatment of hypertension in patients with type 2 diabetes. April 1998
55. World Congress of Cardiology. Salvador, Brazil. Lecture: Prevention of cardiovascular events in diabetes. April 1998
56. American College of Cardiology meeting. Satellite Symposium. Atlanta, GA, Prevention of cardiovascular events in patients with diabetes. March 1998
57. College of Physicians, San Juan Puerto Rico. Continuing Medical Education Programme. Lecture: Prevention of cardiovascular events in patients with diabetes. March 1998
58. Thai Hypertension coalition, Bangkok, Thailand. Lecture: 1. The JNC VI guidelines. Lecture: 2. The treatment of hypertension in patients with diabetes. February 1998
59. European Cardiology Meeting, Barcelona, Spain. Satellite symposium. Satellite symposium. Prevention of cardiovascular events in patients with hypertension and diabetes: FACET trial. January 1998
60. American Heart Association scientific sessions - Orlando, FL. Satellite Symposium. Prevention of cardiovascular events in patients with diabetes and hypertension. November 1997
61. Italian Society of Gerontology and Geriatrics, Rome, Italy, Evidence-based medicine and use of cardiovascular therapies. November 1997
62. Pan-American Congress of Cardiology. San Juan, Puerto Rico. Surrogate outcomes and evidence based medicine. September 1997
63. Preventive Cardiology Conference, Montreal, Canada, Assessment of cardiovascular outcomes. June 1997
64. European Society of Hypertension, Milan, Italy, Japan Medical Tribune Round table on calcium

antagonists. June 1997

65. Visiting Professor, University of Washington, Seattle. Seminars in Epidemiology. Lectures: 1. Calcium channel blockers and cancer: update on the scientific evidence. 2. Evidence-based medicine beyond surrogate outcomes. June 1997
66. Latin American and Caribbean Symposium, Miami, FL, Controversies in hypertension. Where are we now? April 1997
67. French Society of Gerontology and Geriatrics, Toulouse, France. 1. Muscle wasting in the elderly. 2. Round Table: How to publish on aging in international journals. March 1997
68. College of Physicians of Hong Kong, Hong Kong. Antihypertensive treatment and assessing medication safety. February 1997
69. College of Physicians of Singapore, Singapore. Antihypertensive treatment and assessing medication safety. February 1997
70. College of Physicians of Malaysia, Kuala Lumpur, Malaysia. Antihypertensive treatment and assessing medication safety. February 1997