95 Editor's Choice  Sarcopenia and Health Care Utilization in Older Women

89 Effects of Age and Functional Status on the Relationship of Systolic Blood Pressure With Mortality in Mid and Late Life: A Population-Based Study

82 Effects of Mobility and Cognition on Hospitalization and Inpatient Days in Women in Late Life

68 Measuring Frailty Can Help Emergency Departments Identify Independent Seniors at Risk of Functional Decline After Minor Injuries

61 Cognitive Status at Hospital Admission: Postoperative Trajectory of Functional Recovery for Hip Fracture

59 Utility of Brief Cognitive and Physical Assessments in Clinical Care

44 Multiple Metazoan Life-span Interventions Exhibit a Sex-specific Strehler–Mildvan Inverse Relationship Between Initial Mortality Rate and Age-dependent Mortality Rate Acceleration

38 Four Cases of Spontaneous Neoplasia in the Naked Mole-Rat (Heterocephalus glaber), A Putative Cancer-Resistant Species

30 A Stress-Resistant Lipidomic Signature Confers Extreme Longevity to Humans

16 CNS-wide Sexually Dimorphic Induction of the Major Histocompatibility Complex I Pathway With Aging

140 Biologic Resilience of Elderly Hospitalized Patients

134 Association Between Sleep Characteristics and Incident Dementia Accounting for Baseline Cognitive Status: A Prospective Population-Based Study

127 Associations Between Arthritis and Change in Physical Function in U.S. Retirees

121 The Relationship Between Cognitive Functioning and the JNC-8 Guidelines for Hypertension in Older Adults

115 Assessing Fatigability in the Lab and in Daily Life in Older Adults With Osteoarthritis Using Perceived, Performance, and Ecological Measures

102 The Severity of Acute Illness and Functional Trajectories in Hospitalized Older Medical Patients

98 Editor's Choice  17

95 α-Estradiol: A Novel Therapeutic Intervention to Target Age-related Chronic Inflammation

90 Response to Letter From De Alfieri et al.: Biological Resilience of Elderly Hospitalized Patients

89 Multiple Metazoan Life-span Interventions Exhibit a Sex-specific Strehler–Mildvan Inverse Relationship Between Initial Mortality Rate and Age-dependent Mortality Rate Acceleration

84 Multiple Metazoan Life-span Interventions Exhibit a Sex-specific Strehler–Mildvan Inverse Relationship Between Initial Mortality Rate and Age-dependent Mortality Rate Acceleration

80 Utility of Brief Cognitive and Physical Assessments in Clinical Care

72 The Severity of Acute Illness and Functional Trajectories in Hospitalized Older Medical Patients

68 Measuring Frailty Can Help Emergency Departments Identify Independent Seniors at Risk of Functional Decline After Minor Injuries

61 Cognitive Status at Hospital Admission: Postoperative Trajectory of Functional Recovery for Hip Fracture

59 Utility of Brief Cognitive and Physical Assessments in Clinical Care

44 Multiple Metazoan Life-span Interventions Exhibit a Sex-specific Strehler–Mildvan Inverse Relationship Between Initial Mortality Rate and Age-dependent Mortality Rate Acceleration

38 Four Cases of Spontaneous Neoplasia in the Naked Mole-Rat (Heterocephalus glaber), A Putative Cancer-Resistant Species

30 A Stress-Resistant Lipidomic Signature Confers Extreme Longevity to Humans

16 CNS-wide Sexually Dimorphic Induction of the Major Histocompatibility Complex I Pathway With Aging

140 Biologic Resilience of Elderly Hospitalized Patients

134 Association Between Sleep Characteristics and Incident Dementia Accounting for Baseline Cognitive Status: A Prospective Population-Based Study

127 Associations Between Arthritis and Change in Physical Function in U.S. Retirees

121 The Relationship Between Cognitive Functioning and the JNC-8 Guidelines for Hypertension in Older Adults

115 Assessing Fatigability in the Lab and in Daily Life in Older Adults With Osteoarthritis Using Perceived, Performance, and Ecological Measures

102 The Severity of Acute Illness and Functional Trajectories in Hospitalized Older Medical Patients

98 Editor's Choice  17

95 α-Estradiol: A Novel Therapeutic Intervention to Target Age-related Chronic Inflammation

90 Response to Letter From De Alfieri et al.: Biological Resilience of Elderly Hospitalized Patients
THE JOURNAL OF GERONTOLOGY: Biological Sciences

Contents

17α-Estradiol: A Novel Therapeutic Intervention to Target Age-related Chronic Inflammation
Marta Gonzalez-Freire, Alberto Díaz-Ruiz, and Rafael de Cabo

17α-Estradiol Alleviates Age-related Metabolic and Inflammatory Dysfunction in Male Mice Without Inducing Feminization

CNS-wide Sexually Dimorphic Induction of the Major Histocompatibility Complex 1 Pathway With Aging

A Stress-Resistant Lipidomic Signature Confers Extreme Longevity to Humans
Mariona Jové, Alba Naudí, Juan Gambini, Consuelo Borras, Rosanna Cabré, Manuel Portero-Otín, Jose Viña, and Reinald Pamplona

Four Cases of Spontaneous Neoplasia in the Naked Mole-Rat (Heterocephalus glaber), A Putative Cancer-Resistant Species
Kyle R. Taylor, Nicholas A. Milone, and Carlos E. Rodríguez

Multiple Metazoan Life-span Interventions Exhibit a Sex-specific Strehler–Mildvan Inverse Relationship Between Initial Mortality Rate and Age-dependent Mortality Rate Acceleration
Jie Shen, Gary N. Landis, and John Tower
THE JOURNAL OF GERONTOLOGY:
Medical Sciences

VOLUME 72, NUMBER 1
January 2017

Contents

Utility of Brief Cognitive and Physical Assessments in Clinical Care

Stephanie Studenski ......................................................... 59

Cognitive Status at Hospital Admission: Postoperative Trajectory of Functional Recovery for Hip Fracture

C. Allyson Jones, Gian S. Jhangri, David H. Feeny, and Lauren A. Beaupre ............................... 61

Measuring Frailty Can Help Emergency Departments Identify Independent Seniors at Risk of Functional Decline After Minor Injuries

Marie-Josée Sirois, Lauren Griffith, Jeffrey Perry, Raoul Daoust, Nathalie Veillette, Jacques Lee, Mathieu Pelletier, Laura Wilding, and Marcel Émond .................................................. 68

Simple Test of Manual Dexterity Can Help to Identify Persons at High Risk for Neurodegenerative Diseases in the Community

Sirwan K. L. Darweesh, Frank J. Wolters, Albert Hofman, Bruno H. Stricker, Peter J. Koudstaal, and M. Arfan Ikram ................................................................. 75

Effects of Mobility and Cognition on Hospitalization and Inpatient Days in Women in Late Life

Kristine E. Ensrud, Li-Yung Lui, Misti L. Paudel, John T. Schousboe, Allyson M. Kats, Jane A. Cauley, Charles E. McCulloch, Kristine Yaffe, Peggy M. Cawthon, Teresa A. Hillier, and Brent C. Taylor; for the Study of Osteoporotic Fractures (SOF) .................................................. 82

Effects of Age and Functional Status on the Relationship of Systolic Blood Pressure With Mortality in Mid and Late Life: The ARIC Study


Sarcopenia and Health Care Utilization in Older Women

Peggy M. Cawthon, Li-Yung Lui, Charles E. McCulloch, Jane A. Cauley, Misti L. Paudel, Brent Taylor, John T. Schousboe, and Kristine E. Ensrud ................................................... 95

The Severity of Acute Illness and Functional Trajectories in Hospitalized Older Medical Patients

Filippo Luca Fimognari, Andrea Pierantozzi, Walter De Alfieri, Bernardo Salani, Stefano Maria Zuccaro, Andrea Arone, Giacomo Palleschi, and Lorenzo Palleschi ............................................ 102

The Survival of Spouses Marrying Into Longevity-Enriched Families

Jacob K. Pedersen, Irma T. Elo, Nicole Schupf, Thomas T. Perls, Eric Stallard, Anatolly I. Yashin, and Kaare Christensen .................................................. 109

Assessing Fatigability in the Lab and in Daily Life in Older Adults With Osteoarthritis Using Perceived, Performance, and Ecological Measures

Susan L. Murphy, Anna L. Kratz, and Stacey L. Schepens Niemiec ........................................... 115

The Relationship Between Cognitive Functioning and the JNC-8 Guidelines for Hypertension in Older Adults

Felicia C. Goldstein, Ihab M. Hajjar, Callie B. Dunn, Allan I. Levey, and Whitney Wharton .................. 121

Associations Between Arthritis and Change in Physical Function in U.S. Retirees

Nancy A. Baker, Kamil E. Barbour, Charles G. Helmick, Matthew M. Zack, and Soham Al Snih ................................. 127