**[Dr. Zsolt Bagi, MD, PhD](https://augusta.pure.elsevier.com/en/persons/zsolt-bagi)**: His current research program falls into two major areas: the mechanisms through which changes in the vasculature contribute to heart failure, cognitive decline and Alzheimer’s Disease in older adults.

[**Dr. David Blake,** **PhD**](https://augusta.pure.elsevier.com/en/persons/david-trumbull-blake): His work focuses on cortical plasticity as influenced by deep brain stimulation of the basal forebrain and how this can lead to improvements in cognition that could potentially influence the progression of Alzheimer's Disease.

[**Dr. Wendy Bollag,** **PhD**](https://augusta.pure.elsevier.com/en/persons/wendy-b-bollag): Her research investigates the signaling pathways involved in various processes, including the impairment of bone formation and skin function observed with aging.

[**Dr. Laura Carbone**,**MD**](https://augusta.pure.elsevier.com/en/persons/laura-d-carbone):Her epidemiological projects utilize databases like the Women’s Health Initiative (WHI) to study diseases of aging, such as arthritis and osteoporosis, especially among patients with spinal cord injuries.

**[Dr. Ferenc Deák, MD, PhD](https://augusta.elsevierpure.com/en/persons/ferenc-deak):** His research focuses on understanding brain aging and particularly the synaptic dysfunction and impaired memory observed in models of Alzheimer’s Disease.

[**Dr. Xingjun Fan, PhD**](https://augusta.pure.elsevier.com/en/persons/xingjun-fan):His research focuses on redox regulation in aging and age-related diseases and in particular, mechanisms resulting in cataractogenesis, oxidative stress and lens epithelial cell fibrosis.

[**Dr. Sadanand Fulzele, PhD**](https://augusta.pure.elsevier.com/en/persons/sadanand-t-fulzele): His research focuses on the role of nutrition (e.g., arginine and vitamin C) and microRNAs (miRNAs) in bone remodeling, osteoporosis and osteoarthritis and their changes with age.

[**Dr. David Hess, MD**](https://augusta.elsevierpure.com/en/persons/david-c-hess)**:** His research examines the impact of red blood cell dysfunction in vascular contributions to cognitive impairment and dementia.

[**Dr. Jessica Hoffman, PhD**](https://augusta.elsevierpure.com/en/persons/jessica-m-hoffman): Her research focuses on mechanisms of aging and potential interventions that impact lifespan in a variety of model systems.

[**Dr. Carlos Isales,** **MD**](https://augusta.pure.elsevier.com/en/persons/carlos-m-isales): His research is focused on the impact of nutrients on epigenetic changes affecting stem cell differentiation and proliferation with aging.

[**Dr. Deborah Jehu, PhD**](https://augusta.elsevierpure.com/en/persons/deborah-jehu): Her research seeks to generate new insights into therapeutic interventions and fall risk assessments, as well as to provide a better understanding of cognition and mobility in aging populations.

[**Dr. Kate Kosmac, PhD**](https://augusta.elsevierpure.com/en/persons/kate-kosmac): Her research focuses on understanding peripheral arterial disease and skeletal muscle aging.

[**Dr. Xin-Yun Lu, MD, PhD**](https://augusta.pure.elsevier.com/en/persons/xinyun-lu): Her research focuses on understanding the molecular link between metabolic disturb-ances and neuropsychiatric disorders including age-related neurodegenerative diseases like Alzheimer’s Disease.

[**Dr. Meghan McGee-Lawrence, PhD**](https://augusta.pure.elsevier.com/en/persons/meghan-elizabeth-mcgee-lawrence): Her research focuses on skeletal epigenetics, hormone signaling, and mechano-biological changes related to aging, especially in bone.

[**Dr. Danielle Mor, PhD**](https://augusta.elsevierpure.com/en/persons/danielle-emille-mor): Her research investigates mechanisms of neurodegenerative diseases and aging, using the small model organism, *C. elegans*, and includes studies to uncover the possible role of the microbiome.

[**Dr. Philip O’Herron, PhD**](https://augusta.elsevierpure.com/en/persons/philip-john-oherron): His research focuses on changes in blood flow with neuronal activity, including the impact of reduced blood flow in early Alzheimer’s Disease on neuronal function.

[**Dr. Raghavan Raju, PhD**](https://augusta.pure.elsevier.com/en/persons/raghavan-pillai-raju):His current research is in the broad areas of trauma/injury, sepsis, and aging and in particular the potentially similar role that changes in mitochondrial function may play in these processes.

[**Dr. Dan Rudic, PhD**](https://augusta.pure.elsevier.com/en/persons/radu-daniel-rudic): His research seeks to understandthe role of circadian rhythm and clock signaling (and more broadly, bHLH transcription factors) in vascular disease particularly in relation to aging.

[**Dr. Xingming Shi, PhD**](https://augusta.pure.elsevier.com/en/persons/rod-a-bustos-6): His research interests include osteoporosis and stem cell biology and seeks to understand how bone loss occurs with aging and under conditions such as chronic inflammation and medication use.

[**Dr. Alexis Stranahan, PhD**](https://augusta.pure.elsevier.com/en/persons/alexis-michelle-stranahan):Her research interests are in the areas of neuroendocrinology, neuroimmunology, and synaptic mechanisms for learning and memory, and how these may be affected by the aging process.

[**Dr. Sangeetha Sukumari-Ramesh, PhD**](https://augusta.elsevierpure.com/en/persons/sangeetha-sukumari-ramesh): Her research focuses on identifying the mechanisms by which intracerebral hemorrhage impacts neurological outcomes in the aging brain.

[**Dr. Maiko Suzuki, DDS, PhD**](https://augusta.pure.elsevier.com/en/persons/maiko-suzuki):Her research focuses on the role of the anti-aging gene SIRT1 in oral craniofacial pathophysiology during tooth development and in aging-associated oral diseases, like periodontal bone resorption.

[**Dr. Alvin Terry, PhD**](https://augusta.pure.elsevier.com/en/persons/alvin-v-terry): Hisresearch interests focus on the cognitive dysfunction associated with neuropsychiatric illnesses and exposures to environmental toxins as well as drug discovery/development to treat cognitive disorders.

[**Dr. Qin Wang, MB**](https://augusta.elsevierpure.com/en/persons/qin-wang) (MD in China): Her research investigates the mechanisms underlying Alzheimer’s Disease.

**[Dr. Neal Weintraub, MD](https://augusta.elsevierpure.com/en/persons/neal-lee-weintraub)**: His research is examining the role of neuronal histone deacetylase-9 in synaptic plasticity and Alzheimer’s Disease.