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**CONTACT:**

[John Zaher](#) (631) 207-1057, ext. 107

[Hank Russell](#) (631) 207-1057, ext. 110

[PRMG New York](#)

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**Alzheimer's Disease Resource Center, Inc. Praises Ohio State University's  
Recent Human Brain Replication and Research Advancements**

BAY SHORE, NY — It has been an exciting summer of developments for organizations such as [Alzheimer's Disease Resource Center, Inc.](#) (ADRC), which is committed to Alzheimer's disease research. ADRC recently learned that researchers at Ohio State University have successfully developed an almost fully formed brain that has the potential to transform the understanding of the causes and treatments for neurological diseases such as Alzheimer's.

The brain "organoid," which resembles that of a five-week-old fetus and is no bigger than the size of a pencil eraser, was created from adult human skin cells and is the most advanced model of the human brain ever developed. Scientists claim to have replicated 99 percent of the human brain's diverse cell types and genes. Astonishingly, the brain model even contains a spinal cord, signal circuitry and a retina.

The potential advancements of this breakthrough could lead to early detection of Alzheimer's, especially among patients with a family history of the disease. Scientists predict that patients will soon be able to submit a sample of their brain cells in order to create a study model to determine the presence and severity of and possible treatment options for the disease.

"This is the exact type of innovative research that I believe will truly lead to a cure for Alzheimer's disease," says Mary Malack-Ragona, Executive Director/Chief Executive Officer, ADRC. "The more developments created in understanding the prevention, detection and treatment of this disease, the greater efficiency we will have in hindering its effects. We continue to support new innovations and management options in hopes to one day eradicate Alzheimer's."

Every 67 seconds, someone in the U.S. develops Alzheimer's disease. It is estimated that over 5.3 million Americans have Alzheimer's disease, 60,000 of which live here on Long Island. The social, economic and emotional impact the disease can have on individuals and their families can be devastating.

ADRC is an organization committed to supporting research that may lead to a cure for Alzheimer's disease, to provide care, support and education programs for families in need, and to be advocates for local families who are coping with Alzheimer's disease and other dementias.

For additional information on ADRC, please contact Mary Ann Malack-Ragona, Executive Director/Chief Executive Officer, at (631) 820-8068 or visit [www.adrcinc.org](http://www.adrcinc.org).

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[Alzheimer's Disease Resource Center, Inc.](#) — which is headquartered in Bay Shore and has a satellite office in Southampton — is the only local Alzheimer's Disease advocacy and educational facility whose mission is to fund local research and provide hands-on support and services to families on Long Island and the New York metropolitan area. ADRC works with family members, health care professionals and researchers to ensure quality health care and support to those impacted by Alzheimer's disease through care and consultation, information and referral, training, support groups, and caregiver safety products.