

## Passage 2

Approximately one in four Americans will suffer from a neurodegenerative disease, and virtually all Americans will have a family member with one of these conditions.

Unfortunately, the underlying mechanisms of neurodegeneration - and how they lead to disease - are not well understood. The complexity of these diseases makes it impossible for any single scientist to find the cause or cure. Instead, it will require an integrated, collaborative, interdisciplinary approach - involving interactive groups of scientists and clinicians - to make headway towards cures. This was the vision of Drs. Michael Zigmond and Robert Moore when they approached the Scaife Foundations with their idea to create the Pittsburgh Institute for Neurodegenerative Diseases (PIND).

The PIND brings together in one place scientists and clinician scientists from diverse disciplines and perspectives - and several School of Medicine departments- to collaborate on studies of neurodegenerative disorders. By virtue of both philosophy and architecture, the PIND is a center where there are no walls between individual scientists, and where there are no barriers between basic scientific inquiry and translation of the latest findings into new treatments. As such, the mission of the PIND is to transform cutting-edge science into novel therapies and diagnostics that directly benefit individuals affected by neurodegenerative diseases, such as Parkinson's disease, Alzheimer's disease, and stroke.

- 145 . The first sentence deals with the ..... of neurodegenerative disease in America.  
 a. magnitude                      b. interactivity                      c. hazards                      d. treatment
- 146 . The main cause of neurodegenerative disease is .....  
 a. recently understood  
 b. not so significant  
 c. yet to be identified  
 d. about to be declared
- 147 . A breakthrough in understanding the underlying mechanisms of neurodegeneration .....  
 ..interdisciplinary teamwork.  
 a. has little to do with  
 b. should be limited to  
 c. has already been reported by  
 d. would involve
- 148 . Drs. Michael Zigmond and Robert Moore have been referred to for ..... towards cures.  
 a. making headway  
 b. funding the Scaife Foundations  
 c. proposing an interdisciplinary approach for interactive group work  
 d. closing up the Pittsburgh Institute for neurodegenerative disease
- 149 . The PIND has been successful in .....  
 a. finding a cure for neurodegenerative disorders  
 b. setting up diverse disciplines in schools of medicine  
 c. promoting collaborative studies of neurodegenerative diseases  
 d. finding a conclusive cure for neurodegenerative disorders
- 150 . Philosophy and architecture ..... a barrier-free atmosphere in PIND .  
 a. have paved the way for  
 b. serve as obstacles for  
 c. remain independent of  
 d. are among the byproducts of