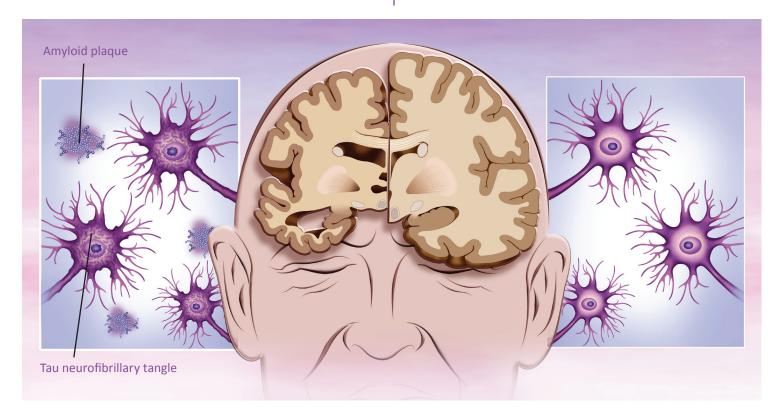


In the Alzheimers brain, there is massive shrinkage that changes the whole brain and its function. Dead and dying nerve cells containing twisted strands of protein are present along with a build-up of abnormal clusters of protein fragments between nerve cells called senile plaques.

## **Hallmark of Alzheimer Disease**

**ALZHEIMER BRAIN** 

**HEALTHY BRAIN** 



# Dementia

## **Alzheimer Disease Brain**

#### **WHAT'S LOST?**

- Language ability (can hear sounds but can't understand)
- Logical reasoning
- Retaining new information
- Sense of inhibition and impulse control
- Time awareness
- Wayfinding
- Self-awareness
- Peripheral vision
- Immediate recall
- Recent events
- Relationships

### **WHAT'S LEFT?**

- Protective instinct (fright, flight, fight)
- Maintaining vital systems
- Motor memories
- Music rhythm
- Long ago memories
- Social chitchat/automatic speech
- Confabulation unconscious fabrication or distortion of memories
- Emotional memories
- Expletives
- Hearing