Neurodegeneration in the ageing society

Why do we get old? What factors are involved in "healthy" ageing and what failure determine disease? Ageing has been long considered a stochastic deterioration process shaped by environmental and stressful conditions. However, recent work has highlighted the role of complex genetic traits in the determination of the life span in different organisms. This suggests the possibility to steer the ageing process and control the unwanted consequences of a long life span: age-related diseases. A life span over the past century. This will soon have profound economical implications, although it is well-recognized that age is a risk factor for neurodegenerative disorders.

DZNE scientists are investigating the missing link between age and neurodegenerative disorders to both healthy and unhealthy ageing and help developing life-long strategies to prevent the onset of neurodegenerative disorders.

While research on disease mechanisms will lead to long-term benefits for society. The creation of a national registry for neurodegenerative diseases and age-related diseases. A direct telephone line to link experts (scientists of academic (Alzheimer's Gesellschaft) organizations. Ultimately, links between scientists, clinicians, and families will lead to improved health care in the upcoming few years.