Neurodegeneration in the ageing society

Why do we get old? What factors are involved in "healthy" ageing and why does failure determine disease? Ageing has been long considered a stochastic 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 neurodegeneration.

DZNE scientists are investigating the missing link between age and neurodegenerative diseases, both healthy and unhealthy ageing and help developing life-long strategies.

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 and academic (Alzheimer's Gesellschaft) organizations. Ultimately, links between scientists, clinicians, nursing homes and families will lead to improved health care in the upcoming few years.