DZNE site Berlin

The DZNE site Berlin will be established in close collaboration with the investigators to study mechanisms of neurological disorders that underlie different forms of primary and secondary dementia leading to impairments of cognitive abilities, like logical reasoning, perception, and memory formation. Currently, the scientists in Berlin focus on investigations of synaptic transmission and network dysfunction, as well as mechanisms of vascular dementia and autoimmune responses against synaptic receptors of the brain. To fasten the translation of findings from basic research to clinical treatment, clinicians and basic researchers work in close collaboration and use the support of Clinical Research Units within the Charité. Moreover, the DZNE scientists benefit from already existing collaborative research networks created between basic and clinical researchers connecting different institutions like the host universities of the Charité, Freie Universität Berlin Medical School (MDC) and the Leibniz-Institut für Molekulare Pharmakologie within the new DZNE site in Berlin, these activities will be further developed and new interactions between Berlin scientists and the other DZNE sites can be established.