The DZNE site Berlin will be established in close collaboration with the scientists in Berlin to investigate mechanisms of neurological diseases 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, 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 existing collaborative research networks created between basic and clinical researchers connecting different institutions like the host universities of the Charité, Freie Universität Berlin, and 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.

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