The DZNE site Berlin will be established in close collaboration with investigators to
research 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, scientists in Berlin focus on investigations of synaptic
transmission and network dysfunction, mechanisms of vascular dementia, as well as
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 existing collaborative research networks
created between basic and clinical researchers connecting different institutions like
the host universities of the Charité, Freie Universität Berlin (MDC) and the Leibniz-Institute.
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.