



**CSC-Tübingen PhD Program: Call for applications 2025**  
**Open PhD positions**

NN	Project number	Project title	Supervisor(s)	Faculty	Degree	Full-time / sandwich
1	CSC-Tübingen PhD Program: Project 01	<b>Comparative morphology, ultrastructure and function of the postabdomen of beetle larvae (Coleoptera)</b>	Prof. Dr. Oliver Betz	Science	Dr. rer. nat.	Full-time
2	CSC-Tübingen PhD Program: Project 02	<b>Unravelling the molecular mode of action of a new antibacterial agent</b>	Prof. Dr. Heike Brötz-Oesterhelt	Science	Dr. rer. nat.	Full-time
3	CSC-Tübingen PhD Program: Project 03	<b>Interaction of neurotransmitter-producing bacteria with neuronal receptors</b>	Prof. Dr. Friedrich Götz	Science	Dr. rer. nat.	Full-time
4	CSC-Tübingen PhD Program: Project 04	<b>Investigating the obligate pathogen centered microbial network using metagenomic HiC approach</b>	Prof. Dr. Eric Kemen	Science	Dr. rer. nat.	Full-time
5	CSC-Tübingen PhD Program: Project 05	<b>- Visual psychophysics project studying visual saliency with eye tracking, dichoptic display and/or neuroimaging - Computational neuroscience project investigating neural circuit dynamics of the primary visual cortex</b>	Prof. Li Zhaoping	Science	Dr. rer. nat.	Full-time
6	CSC-Tübingen PhD Program: Project 06	<b>Systematic Identification of Genotoxic Metabolites in the Nasal Microbiota</b>	Prof. Dr. Hannes Link	Science	PhD in Biology	Full-time
7	CSC-Tübingen PhD Program: Project 07	<b>Digital tools supporting birdwatching field trips in school and university</b>	Prof. Dr. Christoph Randler	Science, Social Sciences	Dr. rer. nat., Dr. phil.	Full-time, sandwich
8	CSC-Tübingen PhD Program: Project 08	<b>Identity and the social-economic context of the earliest tradition of three dimensionally shaped personal ornaments</b>	Prof. Nicholas J. Conard Ph.D.	Science	Dr. rer. nat. in Prehistoric Archaeology	Full-time
9	CSC-Tübingen PhD Program: Project 09	<b>Small molecule activation and homogenous catalysis with nucleophilic CNC pincer-complexes</b>	Prof. Dr. Doris Kunz	Science	Dr. rer. nat.	Full-time
10	CSC-Tübingen PhD Program: Project 20	<b>Optogenetic dissection of color vision circuits in the zebrafish pretectum and tectum</b>	Prof. Dr. Aristides Arrenberg	Science	Dr. rer. nat. in Biology or Neuroscience	Full-time
11	CSC-Tübingen PhD Program: Project 23	<b>Understanding the neurocognitive mechanisms of arithmetic with numbers of different lengths (Educational Neuroscience)</b>	Prof. Dr. Hans-Christoph Nuerk, Dr. Christina Artemenko	Science	Dr. rer. nat. in Psychology	Full-time, sandwich
12	CSC-Tübingen PhD Program: Project 10	<b>Effects of bisphosphonates/radiation on the initiation of cell senescence in mesenchymal osteoprogenitor cells, osteoclastogenic precursors and mature osteoclasts</b>	Prof. Dr. rer. nat. Dorothea Alexander-Friedrich	Medicine	Dr. med. dent, Dr. med. or PhD in Experimental Medicine	Full-time
13	CSC-Tübingen PhD Program: Project 11	<b>Maturation and function of endogenous retroviral envelope proteins</b>	Prof. Dr. Daniel Sauter	Medicine	PhD	Full-time



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14	CSC-Tübingen PhD Program: Project 12	<b>Therapeutic modulation of the pH within the tumor microenvironment to foster Immune checkpoint inhibitor therapy and identification of relevant metabolic biomarkers</b>	PD. Dr. Manfred Kneilling and Prof. Dr. Andre F. Martins	Medicine	PhD Exp. Med. / Dr. rer. nat.	Full-time
15	CSC-Tübingen PhD Program: Project 13	<b>Functional and metabolic signatures of psychedelics' effects in the rat brain</b>	Prof. Dr. Kristina Herfert	Medicine	Dr. rer. nat.	Full-time
16	CSC-Tübingen PhD Program: Project 14	<b>Development of Innovative Albumin/Collagen-Based Biomaterials for Advanced Tissue Engineering and Regenerative Medicine</b>	Prof. Dr. Katja Schenke-Layland	Medicine	PhD in Experimental Medicine	Full-time
17	CSC-Tübingen PhD Program: Project 15	<b>Inflammasome Contributions of Neutrophils, Macrophages, and Hepatocytes in MASH, HCC, and Liver Regeneration</b>	PD Dr. med. Dr. rer. nat. Daniel Hartmann	Medicine	PhD	Full-time, sandwich
18	CSC-Tübingen PhD Program: Project 16	<b>Immune-evasion mechanisms of emerging RNA viruses</b>	Prof. Dr. Michael Schindler	Medicine	Dr. rer. nat.	Full-time
19	CSC-Tübingen PhD Program: Project 17	<b>Preclinical Immune Imaging</b>	Prof. Dr. Johannes Schwenck	Medicine	Dr. rer. nat., Dr. phil., Dr. med., PhD in	Full-time
20	CSC-Tübingen PhD Program: Project 21	<b>Image guided diagnosis and therapy monitoring of Mucormycosis</b>	PD Dr. Nicolas Beziere	Medicine	Dr. sc. hum. or PhD	Full-time
21	CSC-Tübingen PhD Program: Project 23	<b>The Interplay of FGF1/PDE4D and Insulin/PDE3B Pathways in Adipose Tissue: Regulation of Lipolysis and Glucose Homeostasis.</b>	Prof. Dr. med. Andreas Birkenfeld, Dr Gencer Sancar	Medicine	PhD	Full-time
22	CSC-Tübingen PhD Program: Project 25	<b>Targeting cortical myelination in a model of cortical multiple sclerosis.</b>	Dr. Nicolas Snaidero	Medicine	PhD Exp. Med. / Dr. rer. nat.	Full-time
23	CSC-Tübingen PhD Program: Project 18	<b>Studies on the historical significance and aesthetic value of Joseph Haydn's operatic works; including the interaction between Haydn's operatic oeuvre and his instrumental works</b>	Prof. Dr. Thomas Schipperges	Humanities	Dr. phil.	Full-time
24	CSC-Tübingen PhD Program: Project 19	<b>Translations of Asian, especially classical Chinese literature into Latin, 1550-1850: agents, functions and aims</b>	Prof. Dr. Anja Wolkenhauer	Humanities	Dr. phil.	Full-time
25	CSC-Tübingen PhD Program: Project 22	<b>Numeracy in Asia in the Long Run: Roots of the Great Divergence</b>	Prof. Dr. Joerg Baten	Economics and Social Sciences	Dr. phil.	Full-time