

德国研究基金会资助新建 20 家合作式研究中心

5月27日，德国研究基金会（Deutsche Forschungsgemeinschaft, DFG, German Research Foundation）宣布新建20家合作型研究中心（Collaborative Research Centres, CRCs）。这些新中心研究主题面广，从肝炎病毒感染、量子系统到植物的适应性，在最初4年内将获得总计约1.74亿欧元的资助，今年7月1日正式启动。

其中一个CRCs为心理学相关：

韧性（与应激导致心理障碍相关）的神经生物学：从探索机制到增进预防 (Neurobiology of Resilience to Stress-Related Mental Dysfunction: From Understanding Mechanisms to Promoting Prevention)

目前，临床精神病学研究的焦点仅仅停留在阐释应激相关心理疾病的易感性上。该合作型研究中心计划采取不同于以往的研究方法，对保护部分个体在经历应激事件后免于患上心理疾病背后的机制进行探究。将韧性作为切入点，有望获得增进预防的新见解。

主持单位：德国美茵兹大学（University of Mainz）

其余中心：

1. Power and Domination – Premodern Configurations from a Transcultural Perspective
2. OSCAR - Open System Control of Atomic and Photonic Matter
3. From Coloured States to Evolutionary Structural Materials
4. Entangled States of Matter
5. Earth - Evolution at the Dry Limit
6. Mitochondrial Regulation of Cellular Function
7. Control and Dynamics of Quantum Materials
8. Anisotropic Particles as Building Blocks: Tailoring Shape, Interactions and Structures
9. Mutual Interaction of Transporting and Wetting Processes
10. Non-Equilibrium Dynamics of Condensed Matter in the Time Domain
11. Pulmonary Hypertension and Cor Pulmonale
12. Energy Transfers in Atmosphere and Ocean
13. Designed Quantum States of Matter (DQ-mat) - Generation, Manipulation, and Detection for Metrological Applications and Tests of Fundamental Physics
14. Determinants and Dynamics of Elimination versus Persistence of Hepatitis Viral Infection

15. Isolated Quantum Systems and Universality in Extreme Conditions (ISOQUANT)
16. Molecular Switches: Spatio-Temporal Control of Cellular Signal Transmission
17. Scales of Transformation: Human-Environmental Interaction in Prehistoric and Archaic Societies
18. The Green Hub - Central Coordinator of Acclimatisation in Plants
19. Magnetoelectric Sensors: From Composite Materials to Biomagnetic Diagnostics

原文标题: DFG to Fund 20 New Collaborative Research Centres

原文链接:

http://www.dfg.de/en/service/press/press_releases/2016/press_release_no_20/index.html

检索日期: 2016-6-8