

Study on Neuropsychiatric Behavior in Cadmium-exposed People

NCT06572566

Status	RECRUITING
Sponsor	Jianersheng (Zhuhai) Pharmaceutical Technology Co., Ltd.
Enrollment	84 participants

Key Eligibility Criteria

Inclusion (5)

- Age ≥ 18 years old, both men and women are welcome
- The weight of male subjects is ≥ 50.0 kg, the weight of female subjects is ≥ 45.0 kg, and the body mass index (BMI) is between 19 \sim 26 kg/m², including the critical value
- Urinary cadmium ≤ 5 μ mol/mol creatinine for 2 consecutive days (creatinine content is ≥ 0.3 g/L and ≤ 3 g/L)
- Right-handed
- Voluntarily participate in this study and sign informed consent.

Exclusion (7)

- Combined with other neurodevelopmental problems (such as autism), organic brain mental disorders (such as Alzheimer's disease, Parkinson's disease, etc.) and organic brain diseases (such as cerebral hemorrhage, infarction, etc.) that meet the DSM-5 diagnostic criteria)
- Those who have suffered from or are currently suffering from any serious clinical diseases that pose safety risks such as circulatory system, endocrine system, nervous system, digestive system, respiratory system, hematology, immunology, psychiatry and metabolic abnormalities
- Continuous use of high-dose neuroleptics in the past 3 months (high-dose: daily dosage of benzodiazepines ≥ 4 mg lorazepam equivalent; long-term: the total duration of use is at least 60 days)
- Have contraindications for MRI or bone density examination (pacemaker or defibrillator, artificial heart valve, clothing containing fluorescein, iron, etc.)
- Pregnant and lactating women
- ... and 2 more (see full listing online)

Locations (1 total)

Hunan Occupational Disease Prevention and Control Institute, Changsha, Hunan, China