



## TALENT WANTED

### Project Name:

**Artificial intelligence (AI) based EEG platform for pre-clinical testing in new drug development**

### Brief Description of This Project:

Electroencephalogram (EEG) data in nonclinical species plays a significant role in the successful evaluation of a compound during drug development. Quantitative EEG offers objective measurement of brain activity with a high test-retest reliability. Additionally, each class of chemicals or drugs elicit different EEG fingerprints, suggesting that EEG yields pharmaco-dynamic signatures specific to pharmacological action and can be used to enable classification of drugs based on the effects of the EEG. Recently, pharmaceutical companies are incorporating EEG more often in their preclinical drug discovery efforts because the high degree of translatability of EEG from rodents to humans makes it ideal to use in de-risking programs in drug discovery. AniTech Limited (Hong Kong) is leveraging EEG technology to perform high-throughput pharmaco-EEG studies and our established proprietary Artificial intelligence (AI) and machine learning (ML) approach to develop a novel AI assisted EEG-based drug discovery platform.

### Talent Needed:

Candidate should have knowledge in EEG signal processing, MATLAB, Python, AI and machine learning.

### Why Join:

To Enhance the development of our drug screening platform

### Contact Info:

Gajendra Kumar

Dr. Kumar Gajendra. Email: [gkumar@anitech.hk](mailto:gkumar@anitech.hk)

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