ImplantSens

European Training Network for development of implantable biosensors

Early stage researcher position at
EYOWN Madrid

ESR9: Library creation methods for genetic engineering of Galactose Oxidase under physiological conditions

The fellow will design specific high-throughput screening (HTS) assays as well as design new library creation methods for structure-guided evolution assisted by computational simulations.

Planned Secondments:

- CSIC - Institute of Catalysis Madrid - Covalent immobilization of redox enzymes to electrodes.
- Directsens Vienna - Enzyme production and characterization.

Employment: Full time and fixed term researcher contract for 36 months. The fellow will be enrolled in one of the PhD programmes of the Autonomous University of Madrid (UAM, https://uam.es/EscuelaDoctorado/Home.htm?language=en_GB)

About the Employer

EYOWN Technologies S.L. was created over the foundations of the Lab Automation & Data Management group from CIBE, which was included into Research Laboratories Division from Merck Sharp and Dohme Pharmaceutical Company. EYOWN is a consolidated company offering services on Lab Automation & Optimization, Bioinformatics Consulting and Quality Control with a wide clients portfolio on different areas: Pharmaceutical Industries, Biotech companies, Genomics & Proteomics, Petrochemicals, Agro- Alimentary, etc. EYOWN Technologies is settled at the Science to Business Technology Park in Tres Cantos (Madrid region) focused on HTS for R & D projects, equipped with 25 laboratory instruments and robotics workstations.