

Title: Sviluppo dell'infrastruttura informatica del progetto AlmaHealthDB: estrazione, gestione e trattamento dei dati strutturati

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Funding source:

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Research Project

AlmaHealthDB (AHDB) will develop an information technology and organizational infrastructure that supports the entire data lifecycle. AHDB was conceived by UNIBO and the three research hospitals in Bologna, IRCCS Istituto Ortopedico Rizzoli, IRCCS Istituto delle Scienze Neurologiche, and IRCCS Azienda Ospedaliero-Universitaria, both for a centralized and a federated model, with a shared infrastructure for ensuring the highest interoperability level for multi-center studies in compliance with legal, organizational, and regulatory requirements.

As part of the team of AHDB the candidate will work on the design, development, and deployment of the IT infrastructure enabling: i) to extract and replicate data stored on hospital information systems; ii) data processing by authorized users; and iii) the integration and management of the Clinical Trial Manager.

The ideal candidate for this position holds a degree computer science, good spoken and written English, documented experience in data management and system integration.

Activity plan

The applicant will be trained on:

- AHDB hosting, hardware, and computational resources
- Hospital Information Systems
- REDCap (Clinical Trial Manager)

During his-her contract the applicant will:

- Work on data extraction from hospital information systems
- Manage the Clinical Trial Manager
- Manage structured data within the AHDB infrastructure

Place of work: all activities will take place at the institutional sites of the department DIN, or at the istituto ortopedico Rizzoli (Bologna).

Sede di svolgimento delle attività: le attività si svolgeranno presso le sedi istituzionali del DIN e presso l'istituto ortopedico Rizzoli (Bologna).