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## Industrial Post-Doctoral Position in Bioinformatics

### The Position

A Post-Doctoral position within a European Industry-Academia Partnership and Pathways (IAPP) project is available for 2 years. The position will be based mainly in Manchester (UK) with some travel in Marseille (France). This position may lead to a Senior Scientist permanent position for an exceptional candidate.

- PhD level in relevant scientific discipline (advanced computing, mathematics, physics, physical chemistry...)

### Job description

Responsible to the industrial and academic project leaders for:-

- The development and implementation of complex algorithm for the data processing of MALDI mass spectra
- Liaison between the software group and the applications group for the design of programme allowing the treatment of large sets of MS data
- The design of data processing algorithms for imaging analysis (2D, 3D imaging)
- Implementation of protein search engine tools

### Technical Skills

- The ideal candidate would have experience of object oriented development using C# and C++, although it is acceptable for a candidate to have experience of only one of these languages
- Background in statistics, approximations theory
- Experience in data processing related to images analysis
- Ability to design/implement simulations and statistical methods (Monte Carlo, PCA, ...)
- Knowledge of bioinformatics and protein/peptides search related algorithm is an advantage

### Contact

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