



## OFERTA DE TRABAJO

### Contrato por obra o servicio con cargo a proyectos de investigación \*

Madrid, ..... de ..... de 20....

1. **Perfil** (seleccionar): Investigador/a Técnico/a - Gestor/a I+D
2. **Categoría profesional:**
3. **Tareas a desarrollar:**  
(se incluirán en el contrato como descripción de la obra o servicio)
4. **Centro de trabajo:**
5. **Dirección:**
6. **Jornada laboral:** h/sem. (jornada completa =37,5 h/semana)
7. **Salario bruto anual (€):**
8. **Duración prevista**(meses): 9. **Fecha prevista de inicio:**

10. **Titulación requerida:**
11. **Experiencia necesaria:**

#### 12. Otros

(grupo de investigación, línea de investigación, condiciones particulares, etc., que se considere necesario precisar)

**Interesados remitir curriculum vitae a:** (correo electrónico)

El plazo de admisión de C.V. finaliza el: .... de ..... de 20..... a las ..... horas  
NOTA: La oferta debe permanecer publicada en el tablón de anuncios del centro y/o en la web durante al menos 10 días naturales

**El/la Investigador/a responsable:**

RODRIGUEZ  
GONZALEZ  
ALEJANDRO -  
71652585H

Firmado digitalmente por  
RODRIGUEZ GONZALEZ  
ALEJANDRO - 71652585H  
Fecha: 2020.09.24  
15:01:52 +02'00'

**Sello del Centro**

Fdo.: .....  
[Nombre completo y apellidos]

**OFERTA Y RESOLUCIÓN PUBLICADA en:**

**Fecha de publicación:** ..... /..... / .....

**Fecha de resolución:** ..... /..... / .....

Tablón de anuncios del centro:

**Web** (indicar dirección web completa y adjuntar copia de pantalla, se recomienda euraxess):

\* Se dispone de 5 días hábiles de plazo para recurrir la resolución desde la fecha de publicación de la misma.

Aportar: resolución firmada /criterios de selección abiertos, transparentes y basados en méritos profesionales / composición del comité de selección (mínimo 3 personas).



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## Open Researcher Position (Application deadline October 30th, 2020)

MEDAL (Medical Data Analytics Laboratory) is a leading laboratory in Centro de Tecnología Biomédica (CTB) at Universidad Politécnica de Madrid focused on the application of computational techniques to several areas and fields, including data analytics, image processing and analysis and natural language processing.

The laboratory is looking for a candidate with excellent skills in different aspects related with the areas carried by the group. The laboratory is currently holding a set of European and Spanish projects mainly applied to biomedical domain.

We are opening a temporary position within the scope of projects P4-LUCAT (ERA-NET project), BIO-DISNET (Comunidad de Madrid project) and CLARIFY (H2020 project) in UPM Madrid (Campus de Montegancedo), Spain.

The position is for ~3 years (ends December 2023), with a gross salary of 27.000€/year. The position is open to Junior PostDocs with experience in the field and a proactive attitude.

The topic of the position is:

### **"Machine learning for the analysis of biological and clinical data"**

We are seeking for people holding a master in the areas of Computer Science, Telecommunications, Health Sciences, Clinical Research, Health Services Research, and pertaining areas, with proven experience in Machine Learning (ML). The candidate must have previous experience in fields relevant for the project, namely in ML, if possible, in the biological and/or medical domain.

The general aim is to work on the application of ML tools, techniques and methodologies to design tools and procedures enabling physicians to obtain a set of models referred to the follow-up of diseases as well as with the understanding of sets of diseases based on their biological characteristics as well as to work on the identification of patterns to allow oncologists to find the best possible treatments based on existing electronic health records data from previous patients.



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The selected candidate will work directly with the research line coordinator and other researchers who are already working on the project.

The main requirements for the candidate are:

Mainly technical involvement in:

- Extraction of information and knowledge from the available sources.
- Development and application of well-known ML techniques (supervised and unsupervised learning) to the data.
- Design of experiments.
- Evaluation of the models.
- Deployment of the models.

Administrative and group enrolment tasks:

- Proactivity in the participation of the different projects carried out by the group.
- Help in the administration and technical support of the projects: proposal writing, project meetings, etc.
- Mentoring of graduate students working in the lab (when applicable).

Other skills:

- Proactivity,
- Capability to work on multicultural, multilanguage work teams.
- English speaker
- Ability to communicate research results (orally and written)
- Ethic code (especially important due to the nature of the data).

Applicants should send a vita together with a motivation letter to Prof. Alejandro Rodríguez González. Accompanying reference letters will be positively evaluated.

Email: [alejandro.rg@upm.es](mailto:alejandro.rg@upm.es)