The "Fundación Publica Andaluza Progreso y Salud" is an organization which belongs to the Andalusian Regional Ministry of Health (Spain). It is the central entity which supports and manages the research activity within the Public Health System in Andalusia, promoting health research and innovation in the region. The "Fundación Progreso y Salud" offers for the Andalusian Human Genome Sequencing Centre (CASEGH) the following position:

UNIX/Linux System Administrator
REF: 0643

The Andalusian Human Genome Sequencing Center (CASEGH) is a project fostered by the Andalusian Regional Ministry of Health comprising state-of-the-art technology with a high performance Next Generation Sequencing (NGS) platform, equipped with Roche 454 and Applied Biosystems SOLiD sequencers, and a bioinformatics platform with a dedicated high-end computing cluster with a data storage infrastructure for sequence data analysis and annotation. The Medical Genome Project (MGP, www.medicalgenomeproject.org) is one of the first singular projects to be carried out at CASEGH. MGP's goal is to directly characterize genetic variations causative of disease by exome sequencing for a large number of genetically-based disorders.

Functions:

The chosen candidate will be the responsible for the administration of the HPC system that holds the Bioinformatics platform, all the computing equipment for the Next Generation Sequencers and all the IT infrastructure needed for the MGP project.

Required:

Essential requirements:

- Degree in computer sciences, information technology or related field
- Demonstrable experience in the administration of Linux clusters.
- Experience with Debian and Suse Linux distributions.
- Knowledge in network administration.
- Knowledge of scripting languages: Bash, Python or Perl.

The following aspects will be favourably regarded:

- Experience with monitorization tools: nagios, cacti, munin.
- Knowledge of SQL database engines (mysql, postgresql or others)
- Experience working in HPC environments.
- Previous experience with job submission in a HPC cluster environment (sge, slurm, torque or equivalent scheduler)
- Previous experience with distributed file systems: lustre, gpfs, ibrix or similar.

- Experience with programming languages like C or Java
- Knowledge of IT security.
- Technical English applied to IT

We are looking for someone displaying the following characteristics:

- Learning capacity
- Organized and responsible
- Highly proactive
- Team-working capabilities

Publicity

Information will be disseminated on the following Institution´s Websites:

- Consejeria de Salud. Junta de Andalucía
- Servicio Andaluz de Salud. Junta de Andalucía
- Consejería de Economía, Innovación y Ciencia. Junta de Andalucía
- Madri+d
- Red de Fundaciones Universidad Empresa
- Red de Transferencia de Resultados de Investigación
- Centro de Innovación y Transferencia de Tecnología de Andalucía
- Red Andaluza de Innovación y Tecnología
- OTRIS Andaluzas
- Fundación Española para la Ciencia y la Tecnología
- Consejo Superior de Investigaciones Científicas
- Genoma España
- Andalucía Investiga
- Red de Espacios Tecnológicos de Andalucía
- Red Española de I+D
- Asociación Española de Bioempresa
- Centro Nacional de Biotecnología
- European Molecular Biology Laboratory
- Nature Jobs
- Centro Andaluz de Biología Molecular y Medicina Regenerativa
- Medical Genome Project
- Centro Nacional de Investigaciones Cardiovasculares.
- Centro Nacional de Investigaciones Oncológicas.
- Plataforma Tecnológica de Medicamentos Innovadoras
- Sociedad española de Terapia Génica y Celular

Selection process

All applicant's CVs will be assessed based on the advertised criteria. After this first classification, a short list of the best candidates will have a personal interview.

The job location is in Seville (Spain)

Length of contract: 3 months

Please send your CV with cover letter and the names, addresses, and phone numbers of three references.

To apply

For job application and for more information regarding job requirements you should go to the Progress and Health Foundation website at:

http://fundacionprogresoysalud.junta-andalucia.es/english.html

The deadline for applications and submission of CVs is June 06, 2012 at 13pm.

Seville, May 28, 2012

Juan Jesús Bandera González
Managing Director