



POLITÉCNICA



E.T.S. DE INGENIERÍA AGRONÓMICA,
ALIMENTARIA Y DE BIOSISTEMAS

Título de las prácticas (Title of the internship):

Single cell omic data analysis in allergic disease

Descripción de las funciones del alumno (Description of the student's tasks)

To learn computational and statistical analysis of single cell omic data and apply the knowledge to the analysis of allergic patients' peripheral blood mononuclear cells.

Requisitos (Prerequisites): *(indicar titulación y curso) (give Grade and academic year); otros requisitos adicionales (idiomas, informática, otros conocimientos, etc) (other additional prerequisites (languages, informatics, other knowledge, etc))*

Student in the Bioinformatics Masters' degree
Recommendable previous experience with R coding
Basic background in statistical analysis

Proyecto formativo (Training Project)

Module EXTERNAL PRACTICES. The fundamental goal of the external practices is to guide the student in applying his previously acquired knowledge to real tasks in a group work environment that realistically represents the work conditions the students will encounter in their future roles. In this way, the student will be able to get familiar with a working environment (work schedule, responsibility, attitude, organization, etc), and with the adequate working methodology in professional reality, contrasting and applying the acquired academic knowledge.

Actividades a desarrollar en la práctica académica (Activities that will be performed in the academic internship):

Single cell omic data treatment, analysis and interpretation
To review the later bibliography relevant to the students' project
To organize and plot results
To assist to seminars given by team members in order to understand the research focus of the team



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To present results in team meetings

Nº de plazas: (Nr. of places)	1
¿El alumno tendrá trato habitual con menores? (Has the student dealings with underage persons?)	No
Fecha de inicio: (Starting date)	January 2024
Fecha de fin: (End date)	June 2024
Horas semanales: (Weekly hours)	25
Horario jornada laboral: (Working hours)	Lunes a Viernes
Importe Ayuda/Bolsa de estudio: (Amount of fellowship / remuneration)	-- € /mes



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Tutor académico: (Academic tutor (UPM)) Email:	
Departamento tutor académico: (Dept. of academic tutor)	
Tutor empresa: (External tutor)	Oswaldo Grana Castro
Email tutor empresa: (Email external tutor)	oswaldo.granacastro@ceu.es
Departamento tutor empresa: (Dept. of external tutor)	Basic Medical Sciences Department
Ubicación de la estancia de las practicas (Location of the internship)	San Pablo CEU University – Campus Montepincipe
ENTIDAD COLABORADORA: (Collaborating Entity)	San Pablo CEU University
A cumplimentar por Oficina Prácticas ETSIAAB: Créditos a reconocer (Nº ECTS):	

Enviar por email a: **OFICINA DE PRÁCTICAS ACADEMICAS EXTERNAS – ETSIAAB**
secretaria.pei.etsiaab@upm.es – Secretarias: Visitación Pérez / Susana Pardo - Tfno: 913363686)