

**Echo Pharmaceuticals B.V.** Echo Pharmaceuticals is a small pharmaceutical company which has a patented formulation to enhance the bioavailability of lipophilic components. The first practical application for this formulation is named Namisol. Namisol is a tablet for sublingual use that contains tetrahydrocannabinol, which is the active component in cannabis sativa. Echo Pharmaceuticals is at this moment working on the registration of Namisol as medicine against neuropathic pain and muscle spasm by MS.

**Busca:**  
**ESTUDIANTES DE QUÍMICAS, BIOQUÍMICA**

**Requisitos:**

Estudiantes matriculados en el curso 07/08, con el 50% de los créditos de la titulación superados (entregar ficha en UNIVERSA)

Inglés nivel alto

Otros (conocimientos en técnicas analíticas (GC, HPLC) y de extracción.)

Habilidades personales (persona pro-activa, orientada a los resultados, entusiasta y con interés por la industria química/farmacéutica)

**Funciones:**

Currently Echo Pharmaceuticals has one position available for an intern with an organic chemistry, biochemistry or related background. The various projects the intern will work on will be:

1. Validation of the purification process of tetrahydrocannabinol (THC) from cannabis plant material.

During this process the student will learn about GMP and work with HPLC and various purification techniques like flash chromatography.

2. The isolation and identification of various cannabinoids from plant material.

The main focus will be the isolation of tetrahydrocannabinolic acid (THCA) from plant material. This project will learn the student on the chemistry of cannabinoids and will give some insight on the isolation of components from natural sources.

The position will be carried out within the departments of Production and R&D

**Se ofrece:**

Horario de las prácticas de 8 horas

Remuneración 500€/mes (posibilidad de beca adicional de 500 € aprox.

Incorporación en Septiembre

**Localidad:** Weesp (Holanda. Países Bajos)

**Más detalles:** Los interesados deben enviar CV con foto en formato electrónico, indicando la Ref.: PRÁCTICAS HOLANDA ECHO en el asunto, a: Servicio UNIVERSA [universarioebro@unizar.es](mailto:universarioebro@unizar.es)

**Fecha Limite:** 13/07/2008