



DEMANDAS TECNOLÓGICAS

Molecular mechanisms by which influenza A virus recognize target cells

An Italian R&D institution with experience in investigating the influenza A virus, is looking for partners for research cooperation agreement. The influenza A virus is widespread in bird farms with sporadic infections in humans. This project applies NMR (nuclear magnetic resonance) and MD (molecular dynamics) simulation to understand this molecular recognition for new subtypes and, importantly, provides a predictive capacity that will help forestall future influenza epidemics.

<http://www.uco.es/webuco/otri/demanda/molecular-mechanisms-by-which-influenza-a-virus-recognize-target-cells/>

Optimization of therapeutic oligonucleotide efficacy for the treatment of solid tumours by innovative nanoparticles

A Dutch clinical stage company is developing a new generation of nanomedicines. Their aim is to use their nanoparticle technology to improve the efficacy and safety profiles of current and novel drugs for the treatment of solid tumours. As part of their development strategy, they are looking for a license and/or technical cooperation agreement with academic research labs to exploit their nanoparticles for enhanced tumour targeting of new oligonucleotides with therapeutic potential.

<http://www.uco.es/webuco/otri/demanda/optimization-of-therapeutic-oligonucleotide-efficacy-for-the-treatment-of-solid-tumours-by-innovative-nanoparticles/>

Process or technology of producing bio organic acids

An innovative French SME is developing and producing environmental friendly products like de-icing salts, weed-killers, dust suppressant or flame retardant. The production of these compositions uses organic acids, now produced in the chemical industry from non-renewable sources. The company is looking for a process to produce such acids from renewable source like biomass: straw, wood, ... Partnership can be considered via manufacturing, technical, R&D agreement, or license agreement.

<http://www.uco.es/webuco/otri/demanda/process-or-technology-of-producing-bio-organic-acids/>