

Project / partners search for calls



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Plan Nacional de I+D+I

PROJECT PROPOSAL



Spanish programme	Health, 2009-2013
Name of proposal	STRUCTURED LIPIDS: FROM DESIGN TO IMPROVE HEALTH
Project description	<p>Structured lipids (SL) may offer efficient means of delivering target fatty acids (FAs) for nutritive or therapeutic purposes. Specialty lipids include a wide range of products amongst which SL are a main class. SLs are triacylglycerols (TAG) in which FAs are placed in specific locations in the glycerol backbone and are produced using a chemical or enzymatic process.</p> <p>Much attention is being paid to SL due to their potential biological functions and nutritional perspectives. Lipids can be restructured to meet essential FAs (EFAs) requirements or to incorporate specific FAs of interest. SL may offer the most efficient means of delivering target FAs.</p>
Short description of organization experiences	<ol style="list-style-type: none"> 1. EFAs concentration by ecological and biocompatible methods. 2. SLs purification from oils. 3. Enzymatic technology. 4. Cell culture, and cell cytotoxicity assay.
Partner Profile	A group able to carry out animal feeding models (pigs, rats...), and having the capacity for the analysis of bioactive eicosanoids.
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