

## Accepted Manuscript

Title: Cationic nanoemulsions for nucleic acids delivery

Authors: Helder Ferreira Teixeira, Fernanda Bruxel, Michelle Fraga, Roselena Silvestri Schuh, Giovanni Konat Zorzi, Ursula Matte, Elias Fattal



PII: S0378-5173(17)31000-1  
DOI: <https://doi.org/10.1016/j.ijpharm.2017.10.030>  
Reference: IJP 17086

To appear in: *International Journal of Pharmaceutics*

Received date: 24-7-2017  
Revised date: 10-10-2017  
Accepted date: 12-10-2017

Please cite this article as: Teixeira, Helder Ferreira, Bruxel, Fernanda, Fraga, Michelle, Schuh, Roselena Silvestri, Zorzi, Giovanni Konat, Matte, Ursula, Fattal, Elias, Cationic nanoemulsions for nucleic acids delivery. *International Journal of Pharmaceutics* <https://doi.org/10.1016/j.ijpharm.2017.10.030>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Cationic nanoemulsions for nucleic acids delivery

Helder Ferreira Teixeira<sup>a,\*</sup>, Fernanda Bruxel<sup>a,b</sup>, Michelle Fraga<sup>a,d</sup>, Roselena Silvestri Schuh<sup>a,d</sup>, Giovanni Konat Zorzi<sup>a</sup>, Ursula Matte<sup>c,d</sup> & Elias Fattal<sup>e</sup>

<sup>a</sup>Programa de Pós-Graduação em Ciências Farmacêuticas da Universidade Federal do Rio Grande do Sul (UFRGS), Faculdade de Farmácia, Av. Ipiranga 2752, 90610-000, Porto Alegre, RS, Brazil.

<sup>b</sup>Programa de Pós-Graduação em Ciências Farmacêuticas da Universidade Federal do Pampa (UNIPAMPA), Faculdade de Farmácia, Estrada BR 472 Km7, Prédio 700, 97500970, Uruguaiana, RS, Brazil.

<sup>c</sup>Programa de Pós-Graduação em Genética e Biologia Molecular da Universidade Federal do Rio Grande do Sul (UFRGS), Campus do Vale, Av. Bento Gonçalves, 9500, 91501-970, Porto Alegre, RS, Brazil.

<sup>d</sup>Centro de Terapia Gênica - Hospital de Clinicas de Porto Alegre, R. Ramiro Barcelos 2350, 90035-903, Porto Alegre, RS, Brazil.

<sup>e</sup>Laboratoire de Physico-chimie, Pharmacotechnie et Biopharmacie, Univ Paris-Sud, UMR 8612 CNRS, 5 Rue Jean-Baptiste Clément, 92296 Châtenay Malabry, France.

\*Corresponding author: Helder F. Teixeira

Avenida Ipiranga, 2752, 90610-000 Porto Alegre/RS, Brazil.

Tel.: +55 51 33085090; fax: +55 51 33085437; e-mail address: [helder.teixeira@ufrgs.br](mailto:helder.teixeira@ufrgs.br)

## Graphical abstract

Download English Version:

<https://daneshyari.com/en/article/8520790>

Download Persian Version:

<https://daneshyari.com/article/8520790>

[Daneshyari.com](https://daneshyari.com)