



Iontophoresis for Drug Delivery and Non-Invasive Sampling Applications

Guest Editors:

Dr. M. Begoña Delgado-Charro

Department of Pharmacy and
Pharmacology, University of
Bath, Bath BA2 7AY, UK

Dr. Virginia Merino Sanjuán

Department of Pharmacy and
Pharmaceutical Technology and
Parasitology, School of
Pharmacy, University of Valencia,
Valencia, Spain

Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

Iontophoresis is a versatile technique used for controlled drug delivery and non-invasive sampling applications. This drug delivery strategy has been exploited to increase and control the passage of molecules through biological membranes with applications in the transdermal, topical, ocular, dental, trans-ungueal and trans-mucosal routes of administration. Significant progress has improved our understanding of the mechanisms of transport and the design of efficient iontophoretic vehicles. Non-invasive sampling applications target the skin interface primarily. Several iontophoretic devices have gone through regulatory approval but demonstrated limited commercial success.

This Special Issue will gather current progress in the iontophoresis field and critically evaluate what is the place of this technique in the future therapeutic armamentarium and what is required to better exploit iontophoresis for the benefit of patients.

We invite articles from academics, industry and clinical researchers on all aspects of iontophoresis, from basic principles and theoretical modelling to basic and clinical research.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

Contact Us

Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma