

Novel Nanostructured Polymeric Carriers to Enable Drug Delivery for Cardiovascular Diseases

Por: [Morales, JO](#) (Morales, Javier O.)^[1,4,5]; [Sepulveda-Rivas, S](#) (Sepulveda-Rivas, Sabrina)^[1,4,5]; [Oyarzun-Ampuero, F](#) (Oyarzun-Ampuero, Felipe)^[1,4,5]; [Lavandero, S](#) (Lavandero, Sergio)^[2,4,5,6]; [Kogan, MJ](#) (Kogan, Marcelo J.)^[3,4,5]

CURRENT PHARMACEUTICAL DESIGN

Volumen: 21

Número: 29

Páginas: 4276-4284

DOI: 10.2174/1381612821666150901103556

Fecha de publicación: 2015

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Resumen

Applications of polymeric nanotechnologies for enabling therapies for cardiovascular diseases have shown recent success. Both intravenous and oral administration have been investigated and achieved different degrees of development. While circulating polymeric nanostructured carriers are subjected to a number of interactions, smart nanoparticle design has enabled the formulation of active molecules to be delivered to specific targets for cardiovascular effects. This review aims at outlining the multiple factors that can affect the fate of polymeric nanostructured carriers in systemic circulation. With an understanding of these factors, the literature on the various polymeric nanostructured carriers is reviewed. Finally, the emerging uses of nanotechnology to formulate orally administered drugs for cardiovascular diseases are depicted.

Palabras clave

Palabras clave de autor: [Polymeric nanostructured carriers](#); [polymeric nanoparticles](#); [cardiovascular diseases](#); [atherosclerosis](#); [hypertension](#); [endothelial targeting](#)

KeyWords Plus: [IN-VIVO](#); [CIRCULATING NANOPARTICLES](#); [CAPILLARY](#)

[DIAMETERS](#); [PARTICLE-SIZE](#); [NITRIC-](#)

[OXIDE](#); [PHARMACOKINETICS](#); [LIPOSOMES](#); [SYSTEMS](#); [TISSUE](#); [ATHEROSCLEROSIS](#)

Información del autor

Dirección para petición de copias: Kogan, MJ (autor para petición de copias)

Santos Dumont 964, Santiago 8380494, Chile.

Direcciones:

- [+](#) [1] Univ Chile, Fac Chem & Pharmaceut Sci, Dept Pharmaceut Sci & Technol, Santiago 8380494, Chile
- [+](#) [2] Univ Chile, Fac Chem & Pharmaceut Sci, Dept Biochem & Mol Biol, Santiago 8380494, Chile
- [+](#) [3] Univ Chile, Fac Chem & Pharmaceut Sci, Dept Pharmacol & Toxicol Chem, Santiago 8380494, Chile

- + [4] Univ Chile, Fac Chem & Pharmaceut Sci, Adv Ctr Chron Dis ACCDiS, Santiago 8380494, Chile
- + [5] Univ Chile, Fac Med, Santiago 8380494, Chile
- + [6] Univ Texas SW Med Ctr Dallas, Dept Internal Med, Div Cardiol, Dallas, TX 75390 USA

Direcciones de correo electrónico: mkogan@ciq.uchile.cl

Financiación

Entidad financiadora	Número de concesión
FONDAP	15130011
FONDECYT	11130235 11121481 1130425
CONICYT	21130766

[Ver texto de financiación](#)

Editorial

BENTHAM SCIENCE PUBL LTD, EXECUTIVE STE Y-2, PO BOX 7917, SAIF ZONE, 1200 BR SHARJAH, U ARAB EMIRATES

Categorías / Clasificación

Áreas de investigación: Pharmacology & Pharmacy

Categorías de Web of Science: Pharmacology & Pharmacy

Información del documento

Tipo de documento: Article

Idioma: English

Número de acceso: **WOS:000362584200013**

ID de PubMed: 26323423

ISSN: 1381-6128

eISSN: 1873-4286

Información de la revista

- Impact Factor: [Journal Citation Reports®](#)