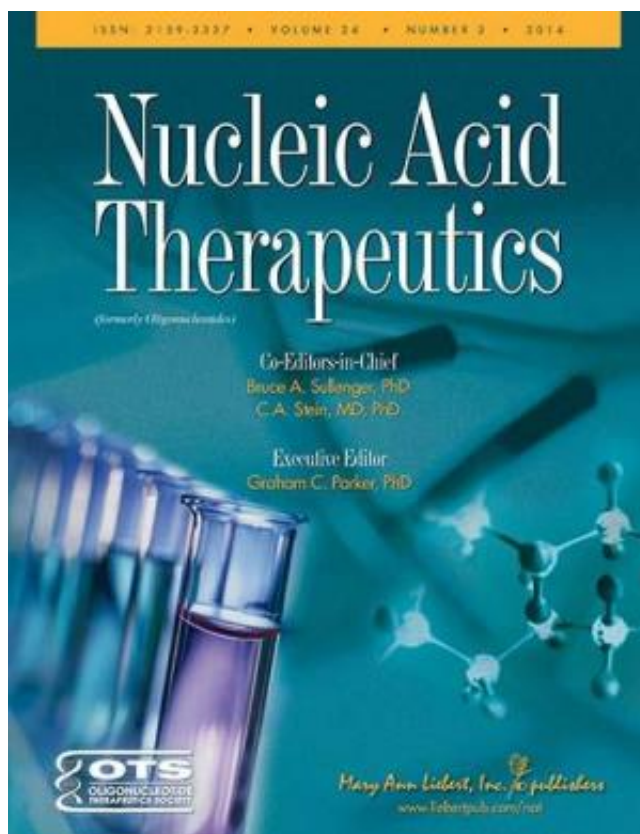


Industry group release testing recommendations for oligonucleotide-based therapeutics

July 8 2014



Credit: 2014, Mary Ann Liebert, Inc., publishers

Novel oligonucleotide-based drugs in development offer promising alternatives for treating a range of diseases. A group of industry and regulatory scientists developing these new nucleic acid-based therapies

released consensus recommendations for evaluating the pharmacological safety of oligonucleotide therapeutics. The document is published in *Nucleic Acid Therapeutics*.

Cindy Berman and coauthors from Pfizer Pharmaceuticals, GlaxoSmithKline, Preclinsight, Merck Sharp & Dohme Corp., Tepper Nonclinical Consulting, and Isis Pharmaceuticals provide the consensus opinion of the Safety Pharmacology Subcommittee of the Oligonucleotide Safety Working Group in the article "[Recommendations for Safety Pharmacology Evaluations of Oligonucleotide-Based Therapeutics](#)." The recommendations emphasize in particular the importance of safety pharmacology studies to evaluate the potential effects of systemically administered oligonucleotide-based drugs on cardiovascular function.

"It is our hope that during this period of rapid advancement both regulators and researchers alike will recognize and benefit from these carefully considered safety testing [recommendations](#)," says Executive Editor Graham C. Parker, PhD, The Carman and Ann Adams Department of Pediatrics, Wayne State University School of Medicine, Children's Hospital of Michigan, Detroit, MI.

More information: The article is available on the *Nucleic Acid Therapeutics* [website](#).

Provided by Mary Ann Liebert, Inc

Citation: Industry group release testing recommendations for oligonucleotide-based therapeutics (2014, July 8) retrieved 2 May 2024 from <https://medicalxpress.com/news/2014-07-industry-group-oligonucleotide-based-therapeutics.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.