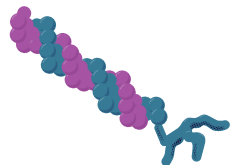


LEQVIO® – FROM DISCOVERY TO DEVELOPMENT

LEQVIO®
(inclisiran) injection
284 mg/1.5 mL

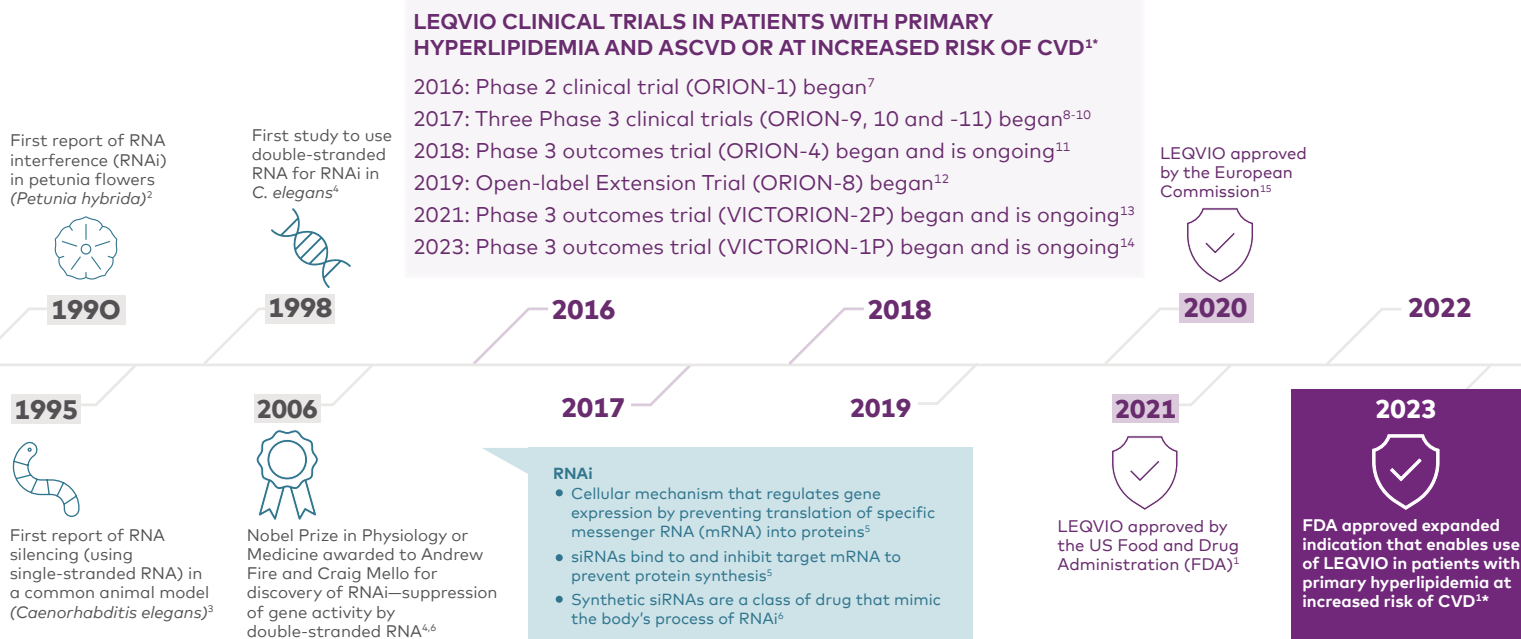


LEQVIO is a small interfering RNA (siRNA) therapy that was studied in clinical trials to assess its efficacy and safety as a low-density lipoprotein cholesterol (LDL-C)-lowering therapy in certain patients with primary hyperlipidemia and atherosclerotic cardiovascular disease (ASCVD) or at increased risk of cardiovascular disease (CVD)^{1*}

HOW WAS LEQVIO DEVELOPED?

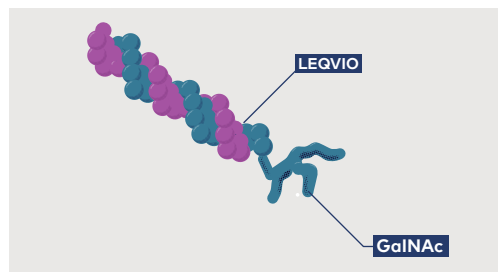


siRNA DISCOVERY TO LEQVIO APPROVAL TIMELINE: OVER 30 YEARS OF RESEARCH



FEATURES OF LEQVIO

Designed to target a specific mRNA sequence to prevent production of proprotein convertase subtilisin/kexin type 9 (PCSK9) in hepatocytes, which in turn increases recycling of LDL-C receptors at the cell surface to lower LDL-C levels¹



LEQVIO reaches undetectable levels in circulation within 48 hours of administration¹



Addition of N-acetylgalactosamine (GalNAc) targets LEQVIO specifically to the liver cell surface and reduces uptake into non-hepatic tissues¹

*Factors that increase risk of CVD include heterozygous familial hypercholesterolemia, type 2 diabetes mellitus, or 10-year risk of $\geq 20\%$.⁵

INDICATION

LEQVIO injection is indicated as an adjunct to diet and statin therapy for the treatment of adults with primary hyperlipidemia, including heterozygous familial hypercholesterolemia (HeFH), to reduce low-density lipoprotein cholesterol (LDL-C).

IMPORTANT SAFETY INFORMATION

Adverse reactions in clinical trials ($\geq 3\%$ of patients treated with LEQVIO and more frequently than placebo) were injection site reaction, arthralgia, and bronchitis.

Please see accompanying LEQVIO full Prescribing Information.

1. Leqvio. Prescribing information. Novartis Pharmaceuticals Corp. 2. Napoli C et al. *Plant Cell*. 1990;2:279-289. 3. Guo S and Kemphues K.J. *Cell*. 1995;81(4):611-620. 4. Fire A et al. *Nature*. 1998;391(6669):806-811. 5. Ray KK et al. *N Engl J Med*. 2020;382(16):1507-1519. 6. Khvorovova A. *N Engl J Med*. 2017;376(1):4-7. 7. ClinicalTrials.gov. NCT02597127. Accessed August 14, 2023. <https://clinicaltrials.gov/ct2/show/NCT02597127>. 8. ClinicalTrials.gov. NCT03397121. Accessed August 14, 2023. <https://clinicaltrials.gov/ct2/show/NCT03397121>. 9. ClinicalTrials.gov. NCT03399370. Accessed August 14, 2023. <https://clinicaltrials.gov/ct2/show/NCT03399370>. 10. ClinicalTrials.gov. NCT03400800. Accessed August 14, 2023. <https://clinicaltrials.gov/ct2/show/NCT03400800>. 11. ClinicalTrials.gov. NCT03705234. Accessed August 14, 2023. <https://clinicaltrials.gov/ct2/show/NCT03705234>. 12. ClinicalTrials.gov. NCT03814187. Accessed August 14, 2023. <https://clinicaltrials.gov/ct2/show/NCT03814187>. 13. ClinicalTrials.gov. NCT03814187. Accessed August 14, 2023. <https://www.clinicaltrials.gov/study/NCT03814187>. 14. ClinicalTrials.gov. NCT05739383. Accessed August 14, 2023. <https://www.clinicaltrials.gov/ct2/show/NCT05739383>. 15. www.novartis.com. LEQVIO® (inclisiran), a first-in-class siRNA to lower cholesterol with two doses a year. Accessed October 6, 2021. <https://www.novartis.com/news/media-releases/novartis-receives-eu-approval-leqvio-inclisiran-first-class-sirna-lower-cholesterol-two-doses-year>