

14. Schwartz GG, Steg PG, Szarek M et al. ODYSSEY OUTCOMES Committees and Investigators. Alirocumab and Cardiovascular Outcomes After Acute Coronary Syndrome. *N Engl J Med* 2018; 379: 2097–2107.
15. Steg PG, Szarek M, Bhatt DL et al. Effect of Alirocumab on Mortality After Acute Coronary Syndromes. *Circulation* 2019; 140: 103–112.
16. Jukema JW, Szarek M, Zijlstra LE et al. ODYSSEY OUTCOMES Committees and Investigators. Alirocumab in Patients With Polyvascular Disease and Recent Acute Coronary Syndrome: ODYSSEY OUTCOMES Trial. *J Am Coll Cardiol* 2019; 74: 1167–1176.
17. Goodman SG, Aylward PE, Szarek M et al. ODYSSEY OUTCOMES Committees and Investigators. Effects of Alirocumab on Cardiovascular Events After Coronary Bypass Surgery. *J Am Coll Cardiol* 2019; 74: 1177–1186.
18. Schwartz GG, Steg PG, Szarek M et al. ODYSSEY OUTCOMES Committees and Investigators. Peripheral Artery Disease and Venous Thromboembolic Events After Acute Coronary Syndrome: Role of Lipoprotein(a) and Modification by Alirocumab: Prespecified Analysis of the ODYSSEY OUTCOMES Randomized Clinical Trial. *Circulation* 2020; 141: 1608–1617.
19. Bittner VA, Szarek M, Aylward PE et al. ODYSSEY OUTCOMES Committees and Investigators. Effect of Alirocumab on Lipoprotein(a) and Cardiovascular Risk After Acute Coronary Syndrome. *J Am Coll Cardiol* 2020; 75: 133–144.
20. Ray KK, Colhoun HM, Szarek M et al. ODYSSEY OUTCOMES Committees and Investigators. Effects of alirocumab on cardiovascular and metabolic outcomes after acute coronary syndrome in patients with or without diabetes: a prespecified analysis of the ODYSSEY OUTCOMES randomised controlled trial. *Lancet Diabetes Endocrinol* 2019; 7: 618–628.
21. Ridker PM, Revkin J, Amarenco P et al. SPIRE Cardiovascular Outcome Investigators. Cardiovascular Efficacy and Safety of Bococizumab in High-Risk Patients. *N Engl J Med* 2017; 376: 1527–1539.
22. Ridker PM, Tardif JC, Amarenco P et al. SPIRE Investigators. Lipid-Reduction Variability and Antidrug-Antibody Formation with Bococizumab. *N Engl J Med* 2017; 376: 1517–1526.
23. Cui Y, Huo Y, Li X et al. Tafolecimab, a novel potential long-acting PCSK9 monoclonal antibody: efficacy and safety in healthy and hypercholesterolemia subjects. *Eur Heart J* 2020; doi.org/10.1093/ehjci/ehaa946.3327.
24. Pisciotta L, Favari E, Magnolo L et al. Characterization of three kindreds with familial combined hypolipidemia caused by loss-of-function mutations of ANGPTL3. *Circ Cardiovasc Genet* 2012; 5: 42–50.
25. Ahmad Z, Banerjee P, Hamon S et al. Inhibition of Angiotensin-Like Protein 3 With a Monoclonal Antibody Reduces Triglycerides in Hypertriglyceridemia. *Circulation* 2019; 140: 470–486.
26. Raal FJ, Rosenson RS, Reeskamp LF et al. ELIPSE HoFH Investigators. Evinacumab for Homozygous Familial Hypercholesterolemia. *N Engl J Med* 2020; 383: 711–720.
27. Rosenson RS, Burgess LJ, Ebenbichler CF et al. Evinacumab in Patients with Refractory Hypercholesterolemia. *N Engl J Med* 2020; 383: 2307–2319.
28. Macchi C, Sirtori CR, Corsini A et al. A new dawn for managing dyslipidemias: The era of rna-based therapies. *Pharmacol Res* 2019; 150: 104413.
29. <https://www.escardio.org/Journals/E-Journal-of-Cardiology-Practice/Volume-19/new-drugs-coming-up-in-the-field-of-lipid-control>.
30. Ray KK, Landmesser U, Leiter LA et al. Inclisiran in Patients at High Cardiovascular Risk with Elevated LDL Cholesterol. *N Engl J Med* 2017; 376: 1430–1440.
31. Wright RS, Collins MG, Stoekenbroek RM et al. Effects of Renal Impairment on the Pharmacokinetics, Efficacy, and Safety of Inclisiran: An Analysis of the ORION-7 and ORION-1 Studies. *Mayo Clin Proc* 2020; 95: 77–89.
32. Hovingh GK, Lepor NE, Kallend D et al. Inclisiran Durably Lowers Low-Density Lipoprotein Cholesterol and Proprotein Convertase Subtilisin/Kexin Type 9 Expression in Homozygous Familial Hypercholesterolemia: The ORION-2 Pilot Study. *Circulation* 2020; 141: 1829–1831.
33. Raal FJ, Kallend D, Ray KK et al. ORION-9 Investigators. Inclisiran for the Treatment of Heterozygous Familial Hypercholesterolemia. *N Engl J Med* 2020; 382: 1520–1530.
34. Ray KK, Wright RS, Kallend D et al. ORION-10 and ORION-11 Investigators. Two Phase 3 Trials of Inclisiran in Patients with Elevated LDL Cholesterol. *N Engl J Med* 2020; 382: 1507–1519.
35. Graham MJ, Lee RG, Brandt TA et al. Cardiovascular and Metabolic Effects of ANGPTL3 Antisense Oligonucleotides. *N Engl J Med* 2017; 377: 222–232.
36. Tirronen A, Hokkanen K, Vuorio T, Ylä-Herttua S. Recent advances in novel therapies for lipid disorders. *Hum Mol Genet* 2019; 28: R49–R54.
37. Zwol WV, Rimbart A, Kuivenhoven JA. The Future of Lipid-lowering Therapy. *J Clin Med* 2019; 8: 1085.
38. Witztum JL, Gaudet D, Freedman SD et al. Volanesorsen and Triglyceride Levels in Familial Chylomicronemia Syndrome. *N Engl J Med* 2019; 381: 531–542.
39. Gouni-Berthold I, Alexander V, Digenio A et al. Apolipoprotein C-III inhibition with volanesorsen in patients with hypertriglyceridemia (COMPASS): a randomized, double-blind, placebo-controlled trial. *Atheroscler Suppl* 2017; 28: e1–e2.
40. Gelrud A, Digenio A, Alexander V et al. Treatment with volanesorsen (VLN) reduced triglycerides and pancreatitis in patients with FCS and sHTG vs placebo: results of the APPROACH and COMPASS. *J Clin Lipidol* 2018; 12: 537.
41. <https://ir.ionispharma.com/news-releases/news-release-details/akcea-and-ionis-report-top-line-results-broaden-study-waylivrar>.
42. Alexander VJ, Xia S, Hurh E et al. N-acetyl galactosamine-conjugated antisense drug to APOC3 mRNA, triglycerides and atherogenic lipoprotein levels. *Eur Heart J* 2019; 40: 2785–2796.
43. Tsimikas S, Viney NJ, Hughes SG et al. Antisense therapy targeting apolipoprotein(a): a randomised, double-blind, placebo-controlled phase 1 study. *Lancet* 2015; 386: 1472–1483.
44. Viney NJ, van Capelleveen JC, Geary RS et al. Antisense oligonucleotides targeting apolipoprotein(a) in people with raised lipoprotein(a): two randomised, double-blind, placebo-controlled, dose-ranging trials. *Lancet* 2016; 388: 2239–2253.
45. Tsimikas S, Karwatowska-Prokopczuk E, Gouni-Berthold I et al. AKCEA-APO(a)-LRx Study Investigators. Lipoprotein(a) Reduction in Persons with Cardiovascular Disease. *N Engl J Med* 2020; 382: 244–255.

Rádi vám pomááme v on-line vzdělávání

23

on-line kurzů a kongresů

160

přednášek

1340

vydaných certifikátů

7200

účastníků

