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HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials

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|-----|---|----|-----------|
| 498 | The evolution of domain arrangements in proteins and interaction networks. 2005 , 62, 435-45 | | 100 |
| 497 | A dysglycaemic effect of statins in diabetes: relevance to clinical practice?. 2014 , 57, 2433-5 | | 16 |
| 496 | Comment on "Association between familial hypercholesterolemia and prevalence of type 2 diabetes mellitus". 2015 , 34, 435-8 | | |
| 495 | Genetics of coronary heart disease: towards causal mechanisms, novel drug targets and more personalized prevention. 2015 , 278, 433-46 | | 26 |
| 494 | Statin Adverse Events in Primary Prevention: Between Randomized Trials and Observational Studies. 2015 , 350, 330-7 | | 15 |
| 493 | Bedside-to-Bench Translational Research for Chronic Heart Failure: Creating an Agenda for Clients Who Do Not Meet Trial Enrollment Criteria. 2015 , 9, 121-32 | | 5 |
| 492 | Comentiio a «Associaib entre a hipercolesterolemia familiar e a prevaliicia de diabetes mellitus». 2015 , 34, 435-438 | | |
| 491 | PCSK9 monoclonal antibodies for the primary and secondary prevention of cardiovascular disease. 2015 , | | 4 |
| 490 | Role of lipids and lipoproteins in myocardial biology and in the development of heart failure. 2015 , 10, 329-342 | | 4 |
| 489 | The hinterland of familial hypercholesterolaemia: what do we not know?. 2015, 26, 475-83 | | 4 |
| 488 | Statins and diabetes risk: how real is it and what are the mechanisms?. 2015 , 26, 228-35 | | 38 |
| 487 | Mendelian randomization studies: using naturally randomized genetic data to fill evidence gaps. 2015 , 26, 566-71 | | 34 |
| 486 | High Cholesterol Deteriorates Bone Health: New Insights into Molecular Mechanisms. 2015 , 6, 165 | | 53 |
| 485 | Use of statins and the incidence of type 2 diabetes mellitus. 2015 , 61, 375-80 | | 3 |
| 484 | Interaction between Glucose and Lipid Metabolism: More than Diabetic Dyslipidemia. 2015 , 39, 353-62 | | 168 |
| 483 | Alteration of mevalonate pathway in proliferated vascular smooth muscle from diabetic mice: possible role in high-glucose-induced atherogenic process. 2015 , 2015, 379287 | | 19 |
| 482 | All for Statins and Statins for All; An Update. 2016 , 22, 18-27 | | 14 |

(2015-2015)

| 481 | La pharmaco-pidmiologie : ombres et lumifes. <i>Bulletin De Ls</i> Academie Nationale De Medecine, 2015 , 199, 281-288 | 0.1 | 0 |
|---------------------------------|--|--------------|----------------|
| 480 | Targeting the schizophrenia genome: a fast track strategy from GWAS to clinic. 2015, 20, 820-6 | | 62 |
| 479 | A pilot study of ezetimibe vs. atorvastatin for improving peripheral microvascular endothelial function in stable patients with type 2 diabetes mellitus. 2015 , 14, 37 | | 7 |
| 478 | Mendelian randomization: where are we now and where are we going?. 2015 , 44, 379-88 | | 99 |
| 477 | Mendelian randomisation study for statin treatment - Authors' reply. Lancet, The, 2015, 385, 1946 | 40 | |
| 476 | Statin treatment for older adults: the impact of the 2013 ACC/AHA cholesterol guidelines. 2015 , 32, 87-93 | | 5 |
| 475 | Statins and Incident Diabetes: Can Risk Outweigh Benefit?. 2015 , 9, 1 | | 1 |
| 474 | Incident Diabetes With Statins: Biology, Artifact, or Both?. 2015 , 31, 963-5 | | 3 |
| 473 | Blood Lipids and Type 2 Diabetes Risk: Can Genetics Help Untangle the Web?. <i>Diabetes</i> , 2015 , 64, 2344- | 5 0.9 | 6 |
| | | | |
| 472 | Mendelian randomisation study for statin treatment. <i>Lancet, The</i> , 2015 , 385, 1945-6 | 40 | |
| 47 ² | Mendelian randomisation study for statin treatment. <i>Lancet, The</i> , 2015 , 385, 1945-6 Statines et risque de diable : quelles vidences ?. 2015 , 9, 273-278 | 40 | |
| | | 40 | 32 |
| 471 | Statines et risque de diable : quelles vidences ?. 2015 , 9, 273-278 | 40 | 3 ² |
| 471 470 | Statines et risque de diable : quelles vidences ?. 2015 , 9, 273-278 Liver fat, statin use, and incident diabetes: The Multi-Ethnic Study of Atherosclerosis. 2015 , 242, 211-7 Vascular and metabolic effects of ezetimibe combined with simvastatin in patients with | 40 | |
| 471 470 469 | Statines et risque de diable : quelles vidences ?. 2015, 9, 273-278 Liver fat, statin use, and incident diabetes: The Multi-Ethnic Study of Atherosclerosis. 2015, 242, 211-7 Vascular and metabolic effects of ezetimibe combined with simvastatin in patients with hypercholesterolemia. 2015, 199, 126-31 | 40 | 26 |
| 471 470 469 468 | Statines et risque de diable : quelles vidences ?. 2015, 9, 273-278 Liver fat, statin use, and incident diabetes: The Multi-Ethnic Study of Atherosclerosis. 2015, 242, 211-7 Vascular and metabolic effects of ezetimibe combined with simvastatin in patients with hypercholesterolemia. 2015, 199, 126-31 Statin Use and Incident Diabetes Explained by Bias Rather Than Biology. 2015, 31, 966-9 | 0.9 | 26 |
| 471 470 469 468 467 | Statines et risque de diable : quelles vidences ?. 2015, 9, 273-278 Liver fat, statin use, and incident diabetes: The Multi-Ethnic Study of Atherosclerosis. 2015, 242, 211-7 Vascular and metabolic effects of ezetimibe combined with simvastatin in patients with hypercholesterolemia. 2015, 199, 126-31 Statin Use and Incident Diabetes Explained by Bias Rather Than Biology. 2015, 31, 966-9 The new pooled cohort equations risk calculator. 2015, 31, 613-9 Using Genetic Variants to Assess the Relationship Between Circulating Lipids and Type 2 Diabetes. | | 26 4 52 |

| 463 | Genetics of cardiovascular disease: Importance of sex and ethnicity. 2015 , 241, 219-28 | | 68 |
|-----|---|-----|-----|
| 462 | Developing medicines that mimic the natural successes of the human genome: lessons from NPC1L1, HMGCR, PCSK9, APOC3, and CETP. 2015 , 65, 1562-6 | | 36 |
| 461 | Using inactivating mutations to provide insight into drug action. 2015 , 7, 7 | | 1 |
| 460 | Mendelian Randomization: New Applications in the Coming Age of Hypothesis-Free Causality. 2015 , 16, 327-50 | | 162 |
| 459 | Statins and diabetes. 2015 , 33, 233-43 | | 12 |
| 458 | Statins and New-Onset Diabetes Mellitus and Diabetic Complications: A Retrospective Cohort Study of US Healthy Adults. 2015 , 30, 1599-610 | | 52 |
| 457 | Recent developments in genome and exome-wide analyses of plasma lipids. 2015 , 26, 96-102 | | 22 |
| 456 | Men and womensimilar but not identical: insights into LDL-lowering therapy in women from the Cholesterol Treatment Trialists Collaboration. 2015 , 11, 511-5 | | 3 |
| 455 | Variable effects of statins on glucose homeostasis parameters and their diabetogenic role. Reply to Kostapanos MS, Agouridis AP and Elisaf MS [letter]. 2015 , 58, 1962-3 | | 4 |
| 454 | Low-density-lipoprotein cholesterol concentrations and risk of incident diabetes: epidemiological and genetic insights from the Framingham Heart Study. 2015 , 58, 2774-80 | | 31 |
| 453 | Nonstatin Low-Density Lipoprotein-Lowering Therapy and Cardiovascular Risk Reduction-Statement From ATVB Council. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 2269-80 | 9.4 | 48 |
| 452 | Genetic considerations in the treatment of familial hypercholesterolemia. 2015, 10, 387-403 | | 1 |
| 451 | Statin myalgia is not associated with reduced muscle strength, mass or protein turnover in older male volunteers, but is allied with a slowing of time to peak power output, insulin resistance and differential muscle mRNA expression. 2015 , 593, 1239-57 | | 29 |
| 450 | Statins and their increased risk of inducing diabetes. 2015 , 14, 1835-44 | | 20 |
| 449 | Is immunity a mechanism contributing to statin-induced diabetes?. 2015 , 4, 232-8 | | 28 |
| 448 | Statins do not increase the risk of developing type 2 diabetes in familial hypercholesterolemia: The SAFEHEART study. 2015 , 201, 79-84 | | 26 |
| 447 | Statins and Diabetes: The Plot Thickens. 2015 , 30, 1572-3 | | 1 |
| 446 | Statin use in prediabetic patients: rationale and results to date. 2015 , 6, 246-51 | | 7 |

(2016-2015)

| 445 | Statin action favors normalization of the plasma lipidome in the atherogenic mixed dyslipidemia of MetS: potential relevance to statin-associated dysglycemia. 2015 , 56, 2381-92 | 35 |
|-----|---|-----|
| 444 | Pathogenesis and management of the diabetogenic effect of statins: a role for adiponectin and coenzyme Q10?. 2015 , 17, 472 | 25 |
| 443 | Cholesterol-Lowering Drugs and Therapies in Cardiovascular Disease. 2016, | 0 |
| 442 | Statin-induced diabetes: incidence, mechanisms, and implications. 2016 , 5, | 17 |
| 441 | Rationale and Design of RNAFH Study: Effect of Rosuvastatin (10 mg/d) on Nonalcoholic Fatty Liver in Metabolic Syndrome Patients without Overt Diabetes Evaluated by H-Magnetic Resonance Spectroscopy. 2016 , 2016, 8454751 | О |
| 440 | Effects of treatment of NAFLD on the metabolic syndrome. 2016 , 189-195 | |
| 439 | Management of Familial Hypercholesterolemia in Hong Kong. 2016 , 23, 520-31 | 8 |
| 438 | Novel therapies for severe dyslipidemia originating from human genetics. 2016 , 27, 112-24 | 15 |
| 437 | Dose-response relationship between statin therapy and glycaemia in community-based patients with type 2 diabetes: the Fremantle Diabetes Study. <i>Diabetes, Obesity and Metabolism</i> , 2016 , 18, 1143-1146 | 4 |
| 436 | Statin use and the risk of developing diabetes: a network meta-analysis. 2016 , 25, 1131-1149 | 65 |
| 435 | Genetic insights into statin-associated diabetes risk. 2016 , 27, 125-30 | 6 |
| 434 | Using human genetics to predict the effects and side-effects of drugs. 2016 , 27, 105-11 | 8 |
| 433 | Do the mechanisms by which LDL-c levels are reduced influence the extent of clinical benefit which subsequently accrues?. 2016 , 27, 207-8 | |
| 432 | Variation in PCSK9 and HMGCR and Risk of Cardiovascular Disease and Diabetes. 2016 , 375, 2144-2153 | 418 |
| 431 | The future of epidemiology: methods or matter?. 2016 , 45, 1699-1716 | 8 |
| 430 | Liver Enzymes and Risk of Ischemic Heart Disease and Type 2 Diabetes Mellitus: A Mendelian Randomization Study. <i>Scientific Reports</i> , 2016 , 6, 38813 | 27 |
| 429 | Is Heterogeneity in the Effects of Statins on Infection Outcomes across Clinical Studies Due to Bias?. 2016 , 60, 7002-7003 | 1 |
| 428 | Hypolipidemic effects of chitosan and its derivatives in hyperlipidemic rats induced by a high-fat diet. 2016 , 60, 31137 | 28 |

| 427 | 2016 European Guidelines on cardiovascular disease prevention in clinical practice: The Sixth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of 10 societies and by invited experts)Developed with the special contribution of the European Association for Cardiovascular | 3919 |
|-----|--|------|
| 426 | Prevention & Rehabilitation (EACPR), 2016, 37, 2315-2381 Statin-Associated Side Effects. 2016, 67, 2395-2410 | 329 |
| 425 | Impact of incident diabetes on atherosclerotic cardiovascular disease according to statin use history among postmenopausal women. 2016 , 31, 747-61 | 4 |
| 424 | Pitavastatin and carbohydrate metabolism: what is the evidence?. 2016 , 9, 955-60 | 7 |
| 423 | Association of Lipoproteins, Insulin Resistance, and Rosuvastatin With Incident Type 2 Diabetes Mellitus: Secondary Analysis of a Randomized Clinical Trial. 2016 , 1, 136-45 | 38 |
| 422 | Harnessing publicly available genetic data to prioritize lipid modifying therapeutic targets for prevention of coronary heart disease based on dysglycemic risk. 2016 , 135, 453-467 | 9 |
| 421 | Metabolic Markers to Predict Incident Diabetes Mellitus in Statin-Treated Patients (from the Treating to New Targets and the Stroke Prevention by Aggressive Reduction in Cholesterol Levels Trials). 2016 , 118, 1275-1281 | 9 |
| 420 | Effect on Fasting Serum Glucose Levels of Adding Ezetimibe to Statins in Patients With Nondiabetic Hypercholesterolemia. 2016 , 118, 1812-1820 | 4 |
| 419 | Guâ ESC 2016 sobre prevencifi de la enfermedad cardiovascular en la prEtica clĥica. 2016 , 69, 939.e1-939.e87 | 10 |
| 418 | Does coenzyme Q10 play a role in the risk of new-onset diabetes due to statins?. 2016 , 225, 260-261 | 1 |
| 417 | Statins in Primary Prevention: Uncertainties and Gaps in Randomized Trial Data. 2016 , 16, 407-418 | 3 |
| 416 | Association Between Low-Density Lipoprotein Cholesterol-Lowering Genetic Variants and Risk of Type 2 Diabetes: A Meta-analysis. 2016 , 316, 1383-1391 | 225 |
| 415 | No effect of PCSK9 inhibitor alirocumab on the incidence of diabetes in a pooled analysis from 10 ODYSSEY Phase 3 studies. 2016 , 37, 2981-2989 | 108 |
| 414 | Association of Lipid Fractions With Risks for Coronary Artery Disease and Diabetes. 2016 , 1, 692-9 | 168 |
| 413 | Mendelian Randomization as an Approach to Assess Causality Using Observational Data. 2016 , 27, 3253-3265 | 119 |
| 412 | Assessing cortisol from hair samples in a large observational cohort: The Whitehall II study. 2016 , 73, 148-156 | 86 |
| 411 | Blood lipids and prostate cancer: a Mendelian randomization analysis. 2016 , 5, 1125-36 | 45 |
| 410 | PCSK9 inhibitors and diabetes risk: a question worth asking?. 2016 , 37, 2990-2992 | 7 |

| 409 | Rosuvastatin dose-dependently improves flow-mediated dilation, but reduces adiponectin levels and insulin sensitivity in hypercholesterolemic patients. 2016 , 223, 488-493 | 12 |
|-----|---|-----|
| 408 | Predictors of HbA1c levels in patients initiating metformin. 2016 , 32, 2021-2028 | 5 |
| 407 | Association between statins and infections among patients with diabetes: a cohort and prescription sequence symmetry analysis. 2016 , 25, 1124-1130 | 14 |
| 406 | 2016 European Guidelines on cardiovascular disease prevention in clinical practice: The Sixth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of 10 societies and by invited | 341 |
| 405 | Interpretation of the evidence for the efficacy and safety of statin therapy. <i>Lancet, The</i> , 2016 , 388, 2532- 2 561 | 961 |
| 404 | 2016 Canadian Cardiovascular Society Guidelines for the Management of Dyslipidemia for the Prevention of Cardiovascular Disease in the Adult. 2016 , 32, 1263-1282 | 543 |
| 403 | Non-targeted metabolomics combined with genetic analyses identifies bile acid synthesis and phospholipid metabolism as being associated with incident type 2 diabetes. 2016 , 59, 2114-24 | 54 |
| 402 | Simvastatin Rapidly and Reversibly Inhibits Insulin Secretion in Intact Single-Islet Cultures. 2016 , 7, 679-693 | 10 |
| 401 | Glycaemic Effects of Non-statin Lipid-Lowering Therapies. 2016 , 18, 133 | 3 |
| 400 | A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016 , 8, 341ra76 | 77 |
| 399 | Role of Statins in Glucose Homeostasis and Insulin Resistance. 2016 , 10, 1 | 1 |
| 398 | Letter by Koh Regarding Article, "Long-Term Effectiveness and Safety of Pravastatin in Patients With Coronary Heart Disease: 16 Years of Follow-Up of the LIPID Study". 2016 , 134, e294-5 | 1 |
| 397 | Lipidtherapie bei Diabetes mellitus. 2016 , 16, 42-46 | |
| 396 | Fifty years of pharmacovigilance - Medicines safety and public health. 2016 , 25, 725-32 | 14 |
| 395 | LDL-cholestfol et incidence de diabEe : tude de la « Framingham Heart Study ». 2016 , 10, 51-52 | |
| 394 | Mendelian Randomization Analyses for Selection of Therapeutic Targets for Cardiovascular Disease Prevention: a Note of Circumspection. 2016 , 30, 65-74 | 9 |
| 393 | Selecting instruments for Mendelian randomization in the wake of genome-wide association studies. 2016 , 45, 1600-1616 | 114 |
| 392 | Role of Adiponectin in Coronary Heart Disease Risk: A Mendelian Randomization Study. 2016 , 119, 491-9 | 57 |

| 391 | 2016 European Guidelines on cardiovascular disease prevention in clinical practice: The Sixth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of 10 societies and by invited | 445 |
|-----|---|-----|
| 390 | experts): Developed with the special contribution of the European Association for Cardiovascular No correlation between statin exposure and incident diabetes mellitus in HIV-1-infected patients receiving combination antiretroviral therapy. 2016 , 17, 631-3 | 7 |
| 389 | The diabetogenic action of statins - mechanisms and clinical implications. 2016 , 12, 99-110 | 88 |
| 388 | Statin therapy across the lifespan: evidence in major age groups. <i>Expert Review of Cardiovascular Therapy</i> , 2016 , 14, 341-66 | 11 |
| 387 | Long-Term Outcomes of Short-Term Statin Use in Healthy Adults: A Retrospective Cohort Study. 2016 , 39, 543-59 | 11 |
| 386 | [PCSK9 inhibitors in hypercholesterolemia. New hope for patients with diabetes mellitus?]. 2016 , 41, 217-23 | 1 |
| 385 | Pharmacogenetics of Lipid-Lowering Agents: Precision or Indecision Medicine?. 2016 , 18, 24 | 15 |
| 384 | Rationale and design of the Further cardiovascular OUtcomes Research with PCSK9 Inhibition in subjects with Elevated Risk trial. 2016 , 173, 94-101 | 124 |
| 383 | Statins and Diabetes. 2016 , 45, 87-100 | 10 |
| 382 | Are Genetic Tests for Atherosclerosis Ready for Routine Clinical Use?. 2016 , 118, 607-19 | 22 |
| 381 | Effect of atorvastatin on glycaemia progression in patients with diabetes: an analysis from the Collaborative Atorvastatin in Diabetes Trial (CARDS). 2016 , 59, 299-306 | 25 |
| 380 | Is there a link between diabetes and cholesterol metabolism?. Expert Review of Cardiovascular Therapy, 2016 , 14, 259-61 | 4 |
| 379 | Approach to Statin Use in 2016: an Update. 2016 , 18, 20 | 17 |
| 378 | Mendelian Randomization and Type 2 Diabetes. 2016 , 30, 51-7 | 12 |
| 377 | The safety of ezetimibe and simvastatin combination for the treatment of hypercholesterolemia. 2016 , 15, 559-69 | 13 |
| 376 | Metabolomic Profiling of Statin Use and Genetic Inhibition of HMG-CoA Reductase. 2016 , 67, 1200-1210 | 106 |
| 375 | The future of low-density lipoprotein cholesterol lowering therapy: An end to statin exceptionalism?. 2016 , 23, 1062-4 | 5 |
| 374 | Niacin therapy and the risk of new-onset diabetes: a meta-analysis of randomised controlled trials. 2016 , 102, 198-203 | 39 |

| 373 | Effects of statin therapy on weight loss and diabetes in bariatric patients. 2017 , 13, 674-680 | 3 |
|-----|---|-----|
| 372 | Genetics of CHD in 2016: Common and rare genetic variants and risk of CHD. 2017 , 14, 73-74 | 7 |
| 371 | Associations of statins and antiretroviral drugs with the onset of type 2 diabetes among HIV-1-infected patients. 2017 , 17, 43 | 6 |
| 370 | Low-Density Lipoprotein Cholesterol and the On-Target Effects of Therapy: How Low Is Too Low?. 2017 , 69, 483-485 | 1 |
| 369 | Evaluation of Glutathione Peroxidase and KCNJ11 Gene Polymorphisms in Patients with New Onset Diabetes Mellitus After Renal Transplantation. 2017 , 125, 408-413 | 4 |
| 368 | A New Approach to PCSK9 Therapeutics. 2017 , 120, 1063-1065 | 8 |
| 367 | Genetics of coronary artery disease: discovery, biology and clinical translation. 2017, 18, 331-344 | 267 |
| 366 | Statin Use and the Risk of Type 2 Diabetes Mellitus in Children and Adolescents. 2017 , 17, 515-522 | 11 |
| 365 | A tutorial on the use of instrumental variables in pharmacoepidemiology. 2017, 26, 357-367 | 39 |
| 364 | Diabetes Secondary to Treatment with Statins. 2017 , 17, 10 | 28 |
| 363 | Statins for primary prevention in physically active individuals: Do the risks outweigh the benefits?. 2017 , 20, 627-632 | 2 |
| 362 | New onset diabetes mellitus induced by statins: current evidence. 2017 , 129, 430-435 | 25 |
| 361 | Risk of diabetes mellitus associated with disease-modifying antirheumatic drugs and statins in rheumatoid arthritis. 2017 , 76, 848-854 | 50 |
| 360 | New-Onset Diabetes After Statin Exposure in Elderly Women: The Australian Longitudinal Study on Women's Health. 2017 , 34, 203-209 | 17 |
| 359 | Familial Hypercholesterolemia and Type 2 Diabetes in the Old Order Amish. <i>Diabetes</i> , 2017 , 66, 2054-20589 | 15 |
| 358 | Genetic Variation at the Sulfonylurea Receptor, Type 2 Diabetes, and Coronary Heart Disease. O.9 O.9 | 17 |
| 357 | High Serum PCSK9 Is Associated With Increased Risk of New-Onset Diabetes After Transplantation in Renal Transplant Recipients. <i>Diabetes Care</i> , 2017 , 40, 894-901 | 22 |
| 356 | PCSK9 monoclonal antibodies for the primary and secondary prevention of cardiovascular disease. 2017 , 4, CD011748 | 57 |

| 355 | Human genetic insights into lipoproteins and risk of cardiometabolic disease. 2017 , 28, 113-119 | 9 |
|-----|---|-----|
| 354 | PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. 2017 , 5, 97-105 | 225 |
| 353 | Quantitative Serum Nuclear Magnetic Resonance Metabolomics in Large-Scale Epidemiology: A Primer on -Omic Technologies. 2017 , 186, 1084-1096 | 189 |
| 352 | Cardiorespiratory Fitness and Incidence of Type 2 Diabetes in United States Veterans on Statin Therapy. 2017 , 130, 1192-1198 | 17 |
| 351 | Mendelian randomization in cardiometabolic disease: challenges in evaluating causality. 2017 , 14, 577-590 | 245 |
| 350 | Mendelian randomisation in cardiovascular research: an introduction for clinicians. 2017, 103, 1400-1407 | 68 |
| 349 | The druggable genome and support for target identification and validation in drug development. Science Translational Medicine, 2017, 9, | 212 |
| 348 | THE IMPACT OF CARDIOVASCULAR DRUGS ON GLYCEMIC CONTROL: A REVIEW. 2017 , 23, 363-371 | 3 |
| 347 | Statin use and risk of new-onset diabetes: A meta-analysis of observational studies. 2017 , 27, 396-406 | 68 |
| 346 | Can LDL cholesterol be too low? Possible risks of extremely low levels. 2017 , 281, 534-553 | 41 |
| 345 | 2016 European Guidelines on cardiovascular disease prevention in clinical practice: The Sixth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of 10 societies and by invited | 54 |
| 344 | experts). 2017 , 24, 321-419 Lessons from basic pancreatic beta cell research in type-2 diabetes and vascular complications. 2017 , 8, 139-152 | 4 |
| 343 | Association of statins with diabetes mellitus and diabetic complications: role of confounders during follow-up. 2017 , 65, 32-42 | 8 |
| 342 | PCSK9 inhibition: the dawn of a new age in cholesterol lowering?. 2017 , 60, 381-389 | 13 |
| 341 | Cost effectiveness of case-finding strategies for primary prevention of cardiovascular disease: a modelling study. 2017 , 67, e67-e77 | 20 |
| 340 | PCSK9 inhibition and diabetes: turning to Mendel for clues. 2017 , 5, 78-79 | 2 |
| 339 | Testing Genetic Pleiotropy with GWAS Summary Statistics for Marginal and Conditional Analyses. 2017 , 207, 1285-1299 | 9 |
| 338 | Atorvastatin but Not Pravastatin Impairs Mitochondrial Function in Human Pancreatic Islets and Rat ECells. Direct Effect of Oxidative Stress. <i>Scientific Reports</i> , 2017 , 7, 11863 | 41 |

(2017-2017)

| 337 | diabetes and the effect of evolocumab on glycaemia and risk of new-onset diabetes: a prespecified analysis of the FOURIER randomised controlled trial. 2017 , 5, 941-950 | | 330 | |
|-----|--|-----|-----|--|
| 336 | PCSK9 inhibition and type 2 diabetes. 2017 , 5, 926-927 | | 1 | |
| 335 | Some Doubts About the Mantra on the Deleterious Cardiovascular Effects of Sulfonylureas. <i>Diabetes</i> , 2017 , 66, 2069-2071 | 0.9 | | |
| 334 | Diabetes Update 2017 Lipide. 2017 , 13, 313-321 | | 1 | |
| 333 | Statins for children with familial hypercholesterolemia. 2017 , 7, CD006401 | | 27 | |
| 332 | Family-specific aggregation of lipid GWAS variants confers the susceptibility to familial hypercholesterolemia in a large Austrian family. 2017 , 264, 58-66 | | 5 | |
| 331 | Effect of the Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitor Evolocumab on Glycemia, Body Weight, and New-Onset Diabetes Mellitus. 2017 , 120, 1521-1527 | | 29 | |
| 330 | Recent Developments in Mendelian Randomization Studies. 2017 , 4, 330-345 | | 218 | |
| 329 | Insulin resistance and the metabolic syndrome. 2017 , 177-212 | | 0 | |
| 328 | Exploring Selection Bias by Causal Frailty Models: The Magnitude Matters. 2017 , 28, 379-386 | | 17 | |
| 327 | Association between familial hypobetalipoproteinemia and the risk of diabetes. Is this the other side of the cholesterol-diabetes connection? A systematic review of literature. 2017 , 54, 111-122 | | 14 | |
| 326 | Integrative genomic analysis implicates limited peripheral adipose storage capacity in the pathogenesis of human insulin resistance. 2017 , 49, 17-26 | | 312 | |
| 325 | Mendelian randomization: a novel approach for the prediction of adverse drug events and drug repurposing opportunities. 2017 , 46, 2078-2089 | | 57 | |
| 324 | COQ2 polymorphisms are not associated with increased risk of statin-induced myalgia/myopathy in the Czech population. 2017 , 32, 177-182 | | 4 | |
| 323 | Metabolic Profiling of Adiponectin Levels in Adults: Mendelian Randomization Analysis. 2017, 10, | | 16 | |
| 322 | Low LDL cholesterol, and genetic variation, and risk of Alzheimer's disease and Parkinson's disease: Mendelian randomisation study. 2017 , 357, j1648 | | 90 | |
| 321 | Education and coronary heart disease: mendelian randomisation study. 2017 , 358, j3542 | | 125 | |
| 320 | 5. Diabetes and renal function. 2017 , 11, 66-71 | | 1 | |
| | | | | |

| 319 | Clinical Perspectives of Genetic Analyses on Dyslipidemia and Coronary Artery Disease. 2017 , 24, 452-46 | 51 | 18 |
|-----|--|------|----|
| 318 | Resolution of Cancer-Promoting Inflammation: A New Approach for Anticancer Therapy. 2017 , 8, 71 | | 60 |
| 317 | Statin and the risk of new-onset diabetes mellitus. 2017 , 60, 901 | | 4 |
| 316 | Drug-Induced Diabetes Mellitus. 2017 , 18, 160 | | 2 |
| 315 | Pharmacogenetic Foundations of Therapeutic Efficacy and Adverse Events of Statins. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 21 |
| 314 | The gene-treatment interaction of paraoxonase-1 gene polymorphism and statin therapy on insulin secretion in Japanese patients with type 2 diabetes: Fukuoka diabetes registry. 2017 , 18, 146 | | 5 |
| 313 | Treating Dyslipidemia in Type 2 Diabetes. 2018 , 36, 233-239 | | 7 |
| 312 | Low-density lipoprotein cholesterol and risk of type 2 diabetes: The Isfahan diabetes prevention study. 2018 , 12, 715-719 | | 9 |
| 311 | From genome-wide association studies to Mendelian randomization: novel opportunities for understanding cardiovascular disease causality, pathogenesis, prevention, and treatment. <i>Cardiovascular Research</i> , 2018 , 114, 1192-1208 | 9.9 | 36 |
| 310 | Dyslipidemia. 2018 , 42 Suppl 1, S178-S185 | | 26 |
| 309 | A Common Allele in FGF21 Associated with Sugar Intake Is Associated with Body Shape, Lower Total Body-Fat Percentage, and Higher Blood Pressure. <i>Cell Reports</i> , 2018 , 23, 327-336 | 10.6 | 48 |
| 308 | Obesity and cardiovascular risk: a call for action from the European Society of Hypertension Working Group of Obesity, Diabetes and the High-risk Patient and European Association for the Study of Obesity: part A: mechanisms of obesity induced hypertension, diabetes and dyslipidemia | | 48 |
| 307 | The Genetic Link Between Diabetes and Atherosclerosis. 2018, 34, 565-574 | | 7 |
| 306 | Clinical and pathophysiological evidence supporting the safety of extremely low LDL levels-The zero-LDL hypothesis. 2018 , 12, 292-299.e3 | | 33 |
| 305 | Statins and New-Onset Diabetes in Cardiovascular and Kidney Disease Cohorts: A Meta-Analysis. 2018 , 8, 105-112 | | 8 |
| 304 | Effect of proprotein convertase subtilisin/kexin type 9 (PCSK9) monoclonal antibodies on new-onset diabetes mellitus and glucose metabolism: A systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1391-1398 | 6.7 | 29 |
| 303 | Hypolipidemic Drugs and Diabetes Mellitus-Mechanisms and Data From Genetic Trials. 2018, 23, 187-19 | 1 | 2 |
| 302 | Enhancing the Infrastructure of the Atherosclerosis Risk in Communities (ARIC) Study for Cancer Epidemiology Research: ARIC Cancer. 2018 , 27, 295-305 | | 17 |

| 301 | Blood lipid genetic scores, the HMGCR gene and cancer risk: a Mendelian randomization study. 2018 , 47, 495-505 | 17 |
|-----|---|-----|
| 300 | Adverse effects of statin therapy: perception vs. the evidence - focus on glucose homeostasis, cognitive, renal and hepatic function, haemorrhagic stroke and cataract. 2018 , 39, 2526-2539 | 156 |
| 299 | Unexplained reciprocal regulation of diabetes and lipoproteins. 2018 , 29, 186-193 | 11 |
| 298 | Best Treatment Strategies With Statins to Maximize the Cardiometabolic Benefits. 2018 , 82, 937-943 | 11 |
| 297 | Guidance for Pediatric Familial Hypercholesterolemia 2017. 2018 , 25, 539-553 | 41 |
| 296 | The Pros and Cons of Mendelian Randomization Studies to Evaluate Emerging Cardiovascular Risk Factors. 2018 , 12, 1 | О |
| 295 | Comparative genomic evidence for the involvement of schizophrenia risk genes in antipsychotic effects. 2018 , 23, 708-712 | 20 |
| 294 | Statin Therapy and Risk of Diabetes Mellitus in Aging Patients With Heterozygous Familial Hypercholesterolemia or Familial Combined Hyperlipidemia: A 10-Year Follow-Up. 2018 , 69, 242-248 | 5 |
| 293 | Statin use and knee osteoarthritis progression: Results from a post-hoc analysis of the SEKOIA trial. 2018 , 85, 609-614 | 18 |
| 292 | Genetic Association of Lipids and Lipid Drug Targets With Abdominal Aortic Aneurysm: A Meta-analysis. 2018 , 3, 26-33 | 44 |
| 291 | Do Statins Increase the Risk of Esophageal Conditions? Findings from Four Propensity Score-Matched Analyses. 2018 , 38, 135-146 | 2 |
| 290 | A critical appraisal of pharmacogenetic inference. 2018 , 93, 498-507 | 4 |
| 289 | Statin use and risk for type 2 diabetes: what clinicians should know. 2018 , 130, 166-172 | 13 |
| 288 | Evaluation of the Pleiotropic Effects of Statins: A Reanalysis of the Randomized Trial Evidence Using Egger Regression-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 262-263.4 | 23 |
| 287 | Reduction of low density lipoprotein-cholesterol and cardiovascular events with proprotein convertase subtilisin-kexin type 9 (PCSK9) inhibitors and statins: an analysis of FOURIER, SPIRE, and the Cholesterol Treatment Trialists Collaboration. 2018 , 39, 2540-2545 | 75 |
| 286 | Coronary artery disease, genetic risk and the metabolome in young individuals. 2018 , 3, 114 | 13 |
| 285 | OBSOLETE: Pharmacology of Medications Used in the Treatment of Atherosclerotic Cardiovascular Disease. 2018 , | |
| 284 | 1,25-dihydroxyvitamin-D3 promotes neutrophil apoptosis in periodontitis with type 2 diabetes mellitus patients via the p38/MAPK pathway. 2018 , 97, e13903 | 11 |

| 283 | Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. 2018 , 138, 2499-2512 | 36 |
|-----|---|------|
| 282 | Large-Scale Phenome-Wide Association Study of Variants Demonstrates Protection Against Ischemic Stroke. 2018 , 11, e002162 | 27 |
| 281 | Safety and efficacy of statin therapy. 2018 , 15, 757-769 | 131 |
| 280 | Epithelial-mesenchymal transition: Initiation by cues from chronic inflammatory tumor microenvironment and termination by anti-inflammatory compounds and specialized pro-resolving lipids. 2018 , 158, 261-273 | 20 |
| 279 | Association of Genetically Enhanced Lipoprotein Lipase-Mediated Lipolysis and Low-Density Lipoprotein Cholesterol-Lowering Alleles With Risk of Coronary Disease and Type 2 Diabetes. 2018 , 3, 957-966 | 30 |
| 278 | Using Mendelian Randomization to Decipher Mechanisms of Bone Disease. 2018 , 16, 531-540 | 16 |
| 277 | Relationship between very low low-density lipoprotein cholesterol concentrations not due to statin therapy and risk of type 2 diabetes: A US-based cross-sectional observational study using electronic health records. <i>PLoS Medicine</i> , 2018 , 15, e1002642 | 15 |
| 276 | Circulating Selenium and Prostate Cancer Risk: A Mendelian Randomization Analysis. 2018 , 110, 1035-1038 | 39 |
| 275 | The Association of Statin Therapy with Incident Diabetes: Evidence, Mechanisms, and Recommendations. 2018 , 20, 50 | 8 |
| 274 | Efficacy and Safety of Alirocumab in Individuals with Diabetes Mellitus: Pooled Analyses from Five Placebo-Controlled Phase 3 Studies. 2018 , 9, 1317-1334 | 18 |
| 273 | Towards a More Personalized Treatment of Dyslipidemias to Prevent Cardiovascular Disease. 2018 , 20, 56 | 2 |
| 272 | Mendelian randomization: Its impact on cardiovascular disease. 2018 , 72, 307-313 | 18 |
| 271 | The MR-Base platform supports systematic causal inference across the human phenome. 2018 , 7, | 1190 |
| 270 | Causal Inference in Cancer Epidemiology: What Is the Role of Mendelian Randomization?. 2018, 27, 995-1010 | 43 |
| 269 | Pharmacology of Medications Used in the Treatment of Atherosclerotic Cardiovascular Disease. 2018 , 68-88 | 1 |
| 268 | Anti-PCSK9 treatment: is ultra-low low-density lipoprotein cholesterol always good?. <i>Cardiovascular Research</i> , 2018 , 114, 1595-1604 | 8 |
| 267 | LDL Cholesterol Rises With BMI Only in Lean Individuals: Cross-sectional U.S. and Spanish Representative Data. <i>Diabetes Care</i> , 2018 , 41, 2195-2201 | 17 |
| 266 | Editorial: Recent News on Statins for the Treatment of Non-Alcoholic Fatty Liver Disease/Non-Alcoholic Steatohepatitis. 2018 , 16, 104-106 | 1 |

| 265 | Familial Hypercholesterolemia: New Horizons for Diagnosis and Effective Management. 2018 , 9, 707 | | 22 |
|-----|--|-----|-----|
| 264 | PCSK9 inhibitors and LDL reduction: pharmacology, clinical implications, and future perspectives. <i>Expert Review of Cardiovascular Therapy</i> , 2018 , 16, 567-578 | 2.5 | 9 |
| 263 | The Evolving Future of PCSK9 Inhibitors. 2018 , 72, 314-329 | | 94 |
| 262 | Shared Genetic Contribution of Type 2 Diabetes and Cardiovascular Disease: Implications for Prognosis and Treatment. 2018 , 18, 59 | | 15 |
| 261 | Clinical Lipidology and the Prevention of Vascular Disease: Time for Personalized Therapy. 2018 , 104, 269-281 | | 1 |
| 260 | Tocotrienol is a cardioprotective agent against ageing-associated cardiovascular disease and its associated morbidities. 2018 , 15, 6 | | 34 |
| 259 | Lipid Target in Very High-Risk Cardiovascular Patients: Lesson from PCSK9 Monoclonal Antibodies. 2018 , 6, | | 8 |
| 258 | Inequality of opportunity in health: A decomposition-based approach. 2018 , 27, 1981-1995 | | 18 |
| 257 | Genomic insights into the causes of type 2 diabetes. <i>Lancet, The</i> , 2018 , 391, 2463-2474 | 40 | 64 |
| 256 | Proprotein convertase subtilisin/kexin type 9 inhibitors for reduction of cardiovascular events. 2018 , 75, 747-754 | | 2 |
| 255 | Drug Repositioning for Schizophrenia and Depression/Anxiety Disorders: A Machine Learning Approach Leveraging Expression Data. 2019 , 23, 1304-1315 | | 40 |
| 254 | Prinzip der mendelschen Randomisierung und Anwendung in der kardiovaskulßen Medizin. 2019 , 13, 146-152 | | 1 |
| 253 | The Niemann-Pick C1-like 1 rs2073547 polymorphism is associated with type 2 diabetes mellitus in a Chinese population. 2019 , 47, 4260-4271 | | О |
| 252 | U-shaped association between low-density lipid cholesterol and diabetes mellitus in patients with hypertension. 2019 , 18, 163 | | 4 |
| 251 | The statins effects on HbA1c control among diabetic patients: An umbrella review of systematic reviews and meta-analyses of observational studies and clinical trials. 2019 , 13, 2557-2564 | | 6 |
| 250 | Lipid-lowering agents for the treatment of hyperlipidemia in patients with chronic kidney disease and end-stage renal disease on dialysis: a review. 2019 , 35, 431-441 | | 2 |
| 249 | 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. 2019 , 7, 618-628 | | 120 |
| 248 | Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 240 | 2.3 | 8 |

| 247 | Association of high sensitive C-reactive protein with coronary heart disease: a Mendelian randomization study. 2019 , 20, 170 | | 9 |
|-----|---|-----|-----|
| 246 | Au-delldu risque cardiovasculaire : le rle des lipoprotines contenant lapoB athfoglies dans la longie du diable de type 2. 2019 , 13, 129-139 | | 2 |
| 245 | Efficacit et scurit des inhibiteurs de PCSK9 dans le diable. 2019 , 13, 147-155 | | О |
| 244 | Statins and the potential for higher diabetes mellitus risk. 2019 , 12, 825-830 | | 16 |
| 243 | 2019 ESC/EAS guidelines for the management of dyslipidaemias: Lipid modification to reduce cardiovascular risk. 2019 , 290, 140-205 | | 259 |
| 242 | Biomarkers for type 2 diabetes. <i>Molecular Metabolism</i> , 2019 , 27S, S139-S146 | 8.8 | 42 |
| 241 | Serious Adverse Effects of Extended-release Niacin/Laropiprant: Results From the Heart Protection Study 2-Treatment of HDL to Reduce the Incidence of Vascular Events (HPS2-THRIVE) Trial. <i>Clinical Therapeutics</i> , 2019 , 41, 1767-1777 | 3.5 | 11 |
| 240 | Risk of macrovascular complications in statin-treated patients developing diabetes. 2019 , 157, 107870 | | О |
| 239 | Lipid-Lowering Agents. 2019 , 124, 386-404 | | 87 |
| 238 | Glucose-6-phosphate dehydrogenase deficiency and metabolic profiling in adolescence from the Chinese birth cohort: "Children of 1997". 2019 , 281, 146-149 | | 1 |
| 237 | Association of Diabetes Mellitus Status and Glycemic Control With Secondary Prevention Medication Adherence After Acute Myocardial Infarction. 2019 , 8, e011448 | | 2 |
| 236 | Statin Toxicity. 2019 , 124, 328-350 | | 213 |
| 235 | Hepatic transcriptomic signatures of statin treatment are associated with impaired glucose homeostasis in severely obese patients. 2019 , 12, 80 | | 15 |
| 234 | Association between statin treatment and new-onset diabetes mellitus: a population based case-control study. 2019 , 11, 30 | | 6 |
| 233 | Cholesterol-Lowering Gene Therapy Prevents Heart Failure with Preserved Ejection Fraction in Obese Type 2 Diabetic Mice. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 | 5 |
| 232 | Intraluminal Delivery of Simvastatin Attenuates Intimal Hyperplasia After Arterial Injury. 2019 , 53, 379-3 | 386 | 5 |
| 231 | Efficacy and safety of proprotein convertase subtilisin/kexin 9 inhibitors in people with diabetes and dyslipidaemia. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21 Suppl 1, 39-51 | 6.7 | 4 |
| 230 | Diabetogenic Action of Statins: Mechanisms. 2019 , 21, 23 | | 15 |

| 229 | Is There a Need to Revise Goals in the Management of Dyslipidemias?. 2019, 21, 51 | | 2 |
|---------------------------------|--|-----|---------|
| 228 | Time- and Dose-Dependent Association of Statin Use With Risk of Clinically Relevant New-Onset Diabetes Mellitus in Primary Prevention: A Nationwide Observational Cohort Study. 2019 , 8, e011320 | | 19 |
| 227 | Perils of Observational Data Analyses. 2019 , 8, e012490 | | О |
| 226 | Association of Lowering Low-Density Lipoprotein Cholesterol With Contemporary Lipid-Lowering Therapies and Risk of Diabetes Mellitus: A Systematic Review and Meta-Analysis. 2019 , 8, e011581 | | 25 |
| 225 | Atherogenic dyslipidemia increases the risk of incident diabetes in statin-treated patients with impaired fasting glucose or obesity. 2019 , 74, 290-295 | | 13 |
| 224 | Statins and nonalcoholic fatty liver disease in the era of precision medicine: More friends than foes. 2019 , 284, 66-74 | | 31 |
| 223 | Body mass index and the association between low-density lipoprotein cholesterol as predicted by HMGCR genetic variants and breast cancer risk. 2019 , 48, 1727-1730 | | 1 |
| 222 | Statin treatment and increased diabetes risk. Possible mechanisms. 2019 , 31, 228-232 | | 1 |
| 221 | Impact of apolipoprotein A1- or lecithin:cholesterol acyltransferase-deficiency on white adipose tissue metabolic activity and glucose homeostasis in mice. 2019 , 1865, 1351-1360 | | 9 |
| | | | |
| 220 | Improving the odds of drug development success through human genomics: modelling study. <i>Scientific Reports</i> , 2019 , 9, 18911 | 4.9 | 54 |
| 219 | | 4.9 | 54 O |
| | Scientific Reports, 2019 , 9, 18911 | 4.9 | · · |
| 219 | Scientific Reports, 2019, 9, 18911 The Pleiotropic Effects of Statins in Endocrine Disorders. 2019, 19, 787-793 | 4.9 | 0 |
| 219 | Scientific Reports, 2019, 9, 18911 The Pleiotropic Effects of Statins in Endocrine Disorders. 2019, 19, 787-793 Statins for children with familial hypercholesterolemia. 2019, 2019, Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. | 4.9 | 0 |
| 219 218 217 | The Pleiotropic Effects of Statins in Endocrine Disorders. 2019, 19, 787-793 Statins for children with familial hypercholesterolemia. 2019, 2019, Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. 2019, 17, e3000572 | 4.9 | 0 |
| 219 218 217 216 | The Pleiotropic Effects of Statins in Endocrine Disorders. 2019, 19, 787-793 Statins for children with familial hypercholesterolemia. 2019, 2019, Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. 2019, 17, e3000572 Statin treatment and increased diabetes risk. Possible mechanisms. 2019, 31, 228-232 Target genes associated with lipid and glucose metabolism in non-alcoholic fatty liver disease. 2019 | 4.9 | 0 19 15 |
| 219 218 217 216 215 | The Pleiotropic Effects of Statins in Endocrine Disorders. 2019, 19, 787-793 Statins for children with familial hypercholesterolemia. 2019, 2019, Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. 2019, 17, e3000572 Statin treatment and increased diabetes risk. Possible mechanisms. 2019, 31, 228-232 Target genes associated with lipid and glucose metabolism in non-alcoholic fatty liver disease. 2019, 18, 211 | 4.9 | o 19 15 |

| 211 | Conducting a Reproducible Mendelian Randomization Analysis Using the R Analytic Statistical Environment. 2019 , 101, e82 | 12 |
|-------------|--|------|
| 210 | Mechanisms of statin-induced new-onset diabetes. 2019 , 234, 12551-12561 | 24 |
| 209 | Genetic Assessment of Potential Long-Term On-Target Side Effects of PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) Inhibitors. 2019 , 12, e002196 | 9 |
| 208 | Impact du traitement par statines dans la progression radiologique de la gonarthrose : rŝultats issus de la la gonarthrose : rŝultats essus de la | |
| 207 | Inhibiting PCSK9 - biology beyond LDL control. 2018 , 15, 52-62 | 49 |
| 206 | Capitalizing on Insights from Human Genetics to Identify Novel Therapeutic Targets for Coronary Artery Disease. 2019 , 70, 19-32 | 4 |
| 205 | Statin Safety and Associated Adverse Events: A Scientific Statement From the American Heart Association. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> 2019 , 39, e38-e81 | 231 |
| 204 | Impact of blood pressure lowering, cholesterol lowering and their combination in Asians and non-Asians in those without cardiovascular disease: an analysis of the HOPE 3 study. 2019 , 26, 681-697 | 2 |
| 203 | An evaluation of pitavastatin for the treatment of hypercholesterolemia. 2019 , 20, 103-113 | 5 |
| 202 | Statin Intolerance Clinical Guide 2018. 2020 , 27, 375-396 | 7 |
| 201 | Genetic contributions to NAFLD: leveraging shared genetics to uncover systems biology. 2020 , 17, 40-52 | 94 |
| 2 00 | 2019 ESC/EAS Guidelines for the management of dyslipidaemias: lipid modification to reduce cardiovascular risk. 2020 , 41, 111-188 | 2236 |
| 199 | A transcriptome-wide Mendelian randomization study to uncover tissue-dependent regulatory mechanisms across the human phenome. 2020 , 11, 185 | 27 |
| 198 | Simvastatin Induces Delayed Apoptosis Through Disruption of Glycolysis and Mitochondrial Impairment in Neuroblastoma Cells. 2020 , 13, 563-572 | 10 |
| 197 | Relation of Hypocholesterolemia With Diabetes Mellitus in Patients With Coronary Artery Disease. 2020 , 125, 1026-1032 | 1 |
| 196 | Statin treatment, phenotypic frailty and mortality among community-dwelling octogenarian men: the HBS cohort. 2020 , 49, 258-263 | 3 |
| 195 | Statin-induced LDL cholesterol response and type 2 diabetes: a bidirectional two-sample Mendelian randomization study. 2020 , 20, 462-470 | 7 |
| 194 | A variant near DHCR24 associates with microstructural properties of white matter and peripheral lipid metabolism in adolescents. 2021 , 26, 3795-3805 | 6 |

(2020-2020)

| 193 | Effect of Switching from Low-Dose Simvastatin to High-Dose Atorvastatin on Glucose Homeostasis and Cognitive Function in Type 2 Diabetes. 2020 , 16, 367-377 | 4 |
|-----|---|----|
| 192 | PCSK9 monoclonal antibodies for the primary and secondary prevention of cardiovascular disease. 2020 , 10, CD011748 | 12 |
| 191 | LDL Cholesterol and Dysglycemia: an Intriguing Physiological Relationship. <i>Diabetes</i> , 2020 , 69, 2058-2060.9 | |
| 190 | Effects of Pitavastatin, Atorvastatin, and Rosuvastatin on the Risk of New-Onset Diabetes Mellitus: A Single-Center Cohort Study. <i>Biomedicines</i> , 2020 , 8, | 6 |
| 189 | Effectiveness of niacin supplementation for patients with type 2 diabetes: A meta-analysis of randomized controlled trials. 2020 , 99, e21235 | 7 |
| 188 | ECell-Specific Deletion of HMG-CoA (3-hydroxy-3-methylglutaryl-coenzyme A) Reductase Causes Overt Diabetes due to Reduction of ECell Mass and Impaired Insulin Secretion. <i>Diabetes</i> , 2020 , 69, 2352-2363 | 6 |
| 187 | Using Mendelian randomization to understand and develop treatments for neurodegenerative disease. 2020 , 2, fcaa031 | 4 |
| 186 | Dyslipidemia in Pediatric Type 2 Diabetes Mellitus. 2020 , 20, 53 | 6 |
| 185 | Pathogenesis of premature coronary artery disease: Focus on risk factors and genetic variants 2022 , 9, 370-380 | Ο |
| 184 | A safe level of alcohol consumption: the right answer demands the right question. 2020 , 288, 550-559 | 6 |
| 183 | Metabolites Linking the Gut Microbiome with Risk for Type 2 Diabetes. 2020 , 9, 83-93 | 14 |
| 182 | Genetic drug target validation using Mendelian randomisation. 2020 , 11, 3255 | 34 |
| 181 | Model of genetic and environmental factors associated with type 2 diabetes mellitus in a Chinese Han population. 2020 , 20, 1024 | 4 |
| 180 | Emerging Targets for Cardiovascular Disease Prevention in Diabetes. 2020 , 26, 744-757 | 4 |
| 179 | Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics. <i>Science Translational Medicine</i> , 2020 , 12, | 27 |
| 178 | The history of proprotein convertase subtilisin kexin-9 inhibitors and their role in the treatment of cardiovascular disease. 2020 , 11, 2040622320924569 | 1 |
| 177 | Turning genome-wide association study findings into opportunities for drug repositioning. 2020 , 18, 1639-1650 | 9 |
| 176 | Causal relationships between lipid and glycemic levels in an Indian population: A bidirectional Mendelian randomization approach. <i>PLoS ONE</i> , 2020 , 15, e0228269 | 2 |

| 175 | Statin-Associated Muscle Symptoms. Contemporary Cardiology, 2020, | 0.1 | |
|-----|---|-----|----|
| 174 | Risk of insulin resistance with statin therapy in individuals without dyslipidemia: A propensity-matched analysis in a registry population. 2020 , 47, 947-954 | | 2 |
| 173 | Pharmacological Management of Cardiac Disease in Patients with Type 2 Diabetes: Insights into Clinical Practice. 2020 , 18, 125-138 | | 3 |
| 172 | Application of magnetic nanoparticles in nucleic acid detection. 2020 , 18, 62 | | 61 |
| 171 | Higher Prevalence and Degree of Insulin Resistance in Patients With Rheumatoid Arthritis Than in Patients With Systemic Lupus Erythematosus. 2021 , 48, 339-347 | | 2 |
| 170 | Efficacy and Safety of PCSK9 Inhibition With Evolocumab in Reducing Cardiovascular Events in Patients With Metabolic Syndrome Receiving Statin Therapy: Secondary Analysis From the FOURIER Randomized Clinical Trial. 2021 , 6, 139-147 | | 16 |
| 169 | Causal Inference Methods to Integrate Omics and Complex Traits. 2021, 11, | | 4 |
| 168 | An integrative multiomic network model links lipid metabolism to glucose regulation in coronary artery disease. 2021 , 12, 547 | | 12 |
| 167 | Mendelian randomization for studying the effects of perturbing drug targets. 2021, 6, 16 | | 15 |
| 166 | genetic variants and cognitive abilities: a large-scale Mendelian randomization study. 2021, 17, 241-244 | | 3 |
| 165 | The Interface of Therapeutics and Genomics in Cardiovascular Medicine. 2021 , 35, 663-676 | | 4 |
| 164 | Lower plasma PCSK9 in normocholesterolemic subjects is associated with upregulated adipose tissue surface-expression of LDLR and CD36 and NLRP3 inflammasome. 2021 , 9, e14721 | | 4 |
| 163 | Mendelian randomization for studying the effects of perturbing drug targets. 2021, 6, 16 | | 11 |
| 162 | Genetically-proxied therapeutic inhibition of antihypertensive drug targets and risk of common cancers. | | O |
| 161 | The Evaluation of Drug Delivery Nanocarrier Development and Pharmacological Briefing for Metabolic-Associated Fatty Liver Disease (MAFLD): An Update. 2021 , 14, | | 1 |
| 160 | Low-Density Lipoprotein Cholesterol Is Associated With Insulin Secretion. 2021 , 106, 1576-1584 | | 2 |
| 159 | Treatment and prevention of lipoprotein(a)-mediated cardiovascular disease: the emerging potential of RNA interference therapeutics. <i>Cardiovascular Research</i> , 2021 , | 9.9 | 9 |
| 158 | Genetic variants associated with cardiovascular diseases and related risk factors highlight novel potential therapeutic approaches. 2021 , 32, 148-150 | | 1 |

| 157 | Low-density lipoprotein cholesterol and lifespan: A Mendelian randomization study. 2021 , 87, 3916-3924 | О |
|--------------------------|--|-------------------|
| 156 | Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. 2021 , 12, 2182 | 5 |
| 155 | Effects of selenium on coronary artery disease, type 2 diabetes and their risk factors: a Mendelian randomization study. 2021 , 75, 1668-1678 | 8 |
| 154 | Statin intolerance: new data and further options for treatment. 2021 , 36, 487-493 | 5 |
| 153 | Diabetes and blood pressure mediate the effect of obesity on cardiovascular disease. 2021 , 45, 1629-1630 | 0 |
| 152 | A phenome-wide association study of genetically mimicked statins. 2021 , 19, 151 | 1 |
| 151 | A Mendelian Randomization Approach Using 3-HMG-Coenzyme-A Reductase Gene Variation to Evaluate the Association of Statin-Induced Low-Density Lipoprotein Cholesterol Lowering With Noncardiovascular Disease Phenotypes. 2021 , 4, e2112820 | 5 |
| 150 | MicroRNA Sequences Modulated by Beta Cell Lipid Metabolism: Implications for Type 2 Diabetes Mellitus. 2021 , 10, | 1 |
| 149 | Effects of proprotein convertase subtilisin kexin type 9 modulation in human pancreatic beta cells function. 2021 , 326, 47-55 | 7 |
| 148 | The ADOEA - High Street Color 1 (1) and a constant of the Color of the | |
| 140 | The APOE4 allele is associated with a decreased risk of retinopathy in type 2 diabetics. 2021 , 48, 5873-5879 | 1 |
| 147 | Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. 2021, 83, 101109 | 16 |
| , i | Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. | |
| 147 | Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. 2021, 83, 101109 The Antioxidative Role of Natural Compounds from a Green Coconut Mesocarp Undeniably Contributes to Control Diabetic Complications as Evidenced by the Associated Genes and | 16 |
| 147 146 | Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. 2021, 83, 101109 The Antioxidative Role of Natural Compounds from a Green Coconut Mesocarp Undeniably Contributes to Control Diabetic Complications as Evidenced by the Associated Genes and Biochemical Indexes. 2021, 2021, 9711176 Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. Cell Reports, | 16 |
| 147 146 145 | Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. 2021, 83, 101109 The Antioxidative Role of Natural Compounds from a Green Coconut Mesocarp Undeniably Contributes to Control Diabetic Complications as Evidenced by the Associated Genes and Biochemical Indexes. 2021, 2021, 9711176 Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. <i>Cell Reports</i> , 2021, 36, 109420 Triglyceride-rich lipoprotein and LDL particle subfractions and their association with incident type 2 | 16 2 1 |
| 147 146 145 | Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. 2021, 83, 101109 The Antioxidative Role of Natural Compounds from a Green Coconut Mesocarp Undeniably Contributes to Control Diabetic Complications as Evidenced by the Associated Genes and Biochemical Indexes. 2021, 2021, 9711176 Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. Cell Reports, 2021, 36, 109420 Triglyceride-rich lipoprotein and LDL particle subfractions and their association with incident type 2 diabetes: the PREVEND study. 2021, 20, 156 | 16 2 1 |
| 147 146 145 144 | Hepatic cholesterol transport and its role in non-alcoholic fatty liver disease and atherosclerosis. 2021, 83, 101109 The Antioxidative Role of Natural Compounds from a Green Coconut Mesocarp Undeniably Contributes to Control Diabetic Complications as Evidenced by the Associated Genes and Biochemical Indexes. 2021, 2021, 9711176 Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. <i>Cell Reports</i> , 2021, 36, 109420 Triglyceride-rich lipoprotein and LDL particle subfractions and their association with incident type 2 diabetes: the PREVEND study. 2021, 20, 156 HDL and type 2 diabetes: the chicken or the egg?. 2021, 64, 1917-1926 Substantial PCSK9 inactivation in Etells does not modify glucose homeostasis or insulin secretion | 16 2 1 4 |

| 139 | Mendelian Randomization: Concepts and Scope. 2021, | 16 |
|-----|--|-----|
| 138 | Diabetic dyslipidaemia. 2021 , 26, e00248 | 1 |
| 137 | Statins Are Associated With Increased Insulin Resistance and Secretion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> 2021 , 41, 2786-2797 | 6 |
| 136 | An evolutionarily-conserved promoter allele governs HMG-CoA reductase expression in spontaneously hypertensive rat. 2021 , 158, 140-152 | O |
| 135 | I livelli di colesterolo LDL sono associati alla secrezione insulinica. 1 | |
| 134 | Safety Considerations of Pharmacological Treatment. 2021 , 203-219 | Ο |
| 133 | Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. 2017 , 49, 1450-1457 | 136 |
| 132 | Mendelian randomization accounting for correlated and uncorrelated pleiotropic effects using genome-wide summary statistics. 2020 , 52, 740-747 | 64 |
| 131 | Proprotein convertase subtilisin/kexin type 9 inhibition as the next statin?. 2020, 31, 340-346 | 2 |
| 130 | MR-Base: a platform for systematic causal inference across the phenome using billions of genetic associations. | 77 |
| 129 | Education and coronary heart disease: a Mendelian randomization study. | 4 |
| 128 | Causal inference in cancer epidemiology: what is the role of Mendelian randomization?. | 1 |
| 127 | Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. | 1 |
| 126 | PCSK9 genetic variants, life-long lowering of LDL-cholesterol and cognition: a large-scale Mendelian randomization study. | 2 |
| 125 | Zebrafish larvae as a model system for systematic characterization of drugs and genes in dyslipidemia and atherosclerosis. | 2 |
| 124 | A transcriptome-wide Mendelian randomization study to uncover tissue-dependent regulatory mechanisms across the human phenome. | 2 |
| 123 | Genetic drug target validation using Mendelian randomization. | 4 |
| 122 | Genetics Insights in the Relationship Between Type 2 Diabetes and Coronary Heart Disease. 2020 , 126, 1526-1548 | 22 |

(2021-2017)

| 121 | Therapeutic approaches targeting inflammation for diabetes and associated cardiovascular risk. 2017 , 127, 83-93 | | 84 | |
|-----|---|------|----|--|
| 120 | Coronary artery disease, genetic risk and the metabolome in young individuals. 2018 , 3, 114 | | 8 | |
| 119 | Using the MR-Base platform to investigate risk factors and drug targets for thousands of phenotypes. 2019 , 4, 113 | | 18 | |
| 118 | Using the MR-Base platform to investigate risk factors and drug targets for thousands of phenotypes. 2019 , 4, 113 | | 26 | |
| 117 | Genetically Mediated Lipid Metabolism and Risk of Insulin Resistance: Insights from Mendelian Randomization Studies. 2019 , 8, 132-143 | | 5 | |
| 116 | Predictive network modeling in human induced pluripotent stem cells identifies key driver genes for insulin responsiveness. 2020 , 16, e1008491 | | 7 | |
| 115 | Glucose-6-Phosphate Dehydrogenase Deficiency and Physical and Mental Health until Adolescence. <i>PLoS ONE</i> , 2016 , 11, e0166192 | 3.7 | 1 | |
| 114 | Chronic administration of atorvastatin could partially ameliorate erectile function in streptozotocin-induced diabetic rats. <i>PLoS ONE</i> , 2017 , 12, e0172751 | 3.7 | 9 | |
| 113 | Statins: benefits and risks revisited. 2019 , 11, 4300-4302 | | 2 | |
| 112 | LDL-C plays a causal role on T2DM: a Mendelian randomization analysis. 2020 , 12, 2584-2594 | | 8 | |
| 111 | Adverse effects of statin therapy: real evidence. 2019 , 10, 51-61 | | 4 | |
| 110 | PCSK9 and carbohydrate metabolism: A double-edged sword. 2017 , 8, 311-316 | | 15 | |
| 109 | Predicting the effect of statins on cancer risk using genetic variants from a Mendelian randomization study in the UK Biobank. 2020 , 9, | | 7 | |
| 108 | Investigating pleiotropic effects of statins on ischemic heart disease in the UK Biobank using Mendelian randomisation. 2020 , 9, | | 14 | |
| 107 | LDL, LDL receptors, and PCSK9 as modulators of the risk for type 2 diabetes: a focus on white adipose tissue. 2020 , 34, 251-259 | | 9 | |
| 106 | Association of Statin Therapy Initiation With Diabetes Progression: A Retrospective Matched-Cohort Study. <i>JAMA Internal Medicine</i> , 2021 , 181, 1562-1574 | 11.5 | 10 | |
| 105 | Natural Compounds from Hatikana Extract Potentiate Antidiabetic Actions as Displayed by In Vivo Assays and Verified by Network Pharmacological Tools. 2021 , 2021, 6978450 | | 1 | |
| 104 | Human Genomics and Drug Development. 2021 , | | 2 | |

| 103 | The "Common Soil Hypothesis" Revisited-Risk Factors for Type 2 Diabetes and Cardiovascular Disease. <i>Metabolites</i> , 2021 , 11, | 5.6 | 3 |
|-----|--|-----|---|
| 102 | HMG-Coenzyme A Reductase as a Drug Target for the Prevention of Ankylosing Spondylitis. 2021 , 9, 731072 | | |
| 101 | Statins: Practical Considerations - A Review. 2014 , 9, 71-75 | | 3 |
| 100 | Mendelian randomization: a novel approach for the prediction of adverse drug events and drug repurposing opportunities. | | 1 |
| 99 | Metabolic profiling of adiponectin levels in adults: Mendelian randomization analysis. | | |
| 98 | Exploring repositioning opportunities and side-effects of statins: a Mendelian randomization study of HMG-CoA reductase inhibition with 55 complex traits. | | О |
| 97 | Flipping the odds of drug development success through human genomics. | | |
| 96 | Circulating selenium and prostate cancer risk: a Mendelian randomization analysis. | | 1 |
| 95 | Prediction of basal glycaemia dynamics during treatment with 6-month lipid-lowering therapy in patients at high risk of cardiovascular disease. <i>Diabetes Mellitus</i> , 2017 , 20, 374-383 | 1.6 | |
| 94 | Lipids. 2018 , 137-151 | | |
| 93 | Metabolomic consequences of genetic inhibition of PCSK9 compared with statin treatment. | | O |
| 92 | Efficacit`et effets indŝirables des statines: vidences et poliniques. <i>Bulletin De Ls</i> Academie Nationale De Medecine, 2018 , 202, 817-835 | 0.1 | |
| 91 | The association between low-density lipoprotein cholesterol predicted by HMGCR genetic variants and breast cancer risk may be mediated by body mass index. | | |
| 90 | PCSK9 inhibitors and diabetes mellitus. <i>Vnitrni Lekarstvi</i> , 2018 , 64, 1186-1189 | 0.3 | 2 |
| 89 | Treating hypercholesterolaemia with evolocumab. <i>Intervencni A Akutni Kardiologie</i> , 2018 , 17, 212-217 | O | |
| 88 | Lifelong genetically lowered sclerostin and risk of cardiovascular disease. | | O |
| 87 | Functional promoter polymorphisms govern the differential expression of HMG-CoA Reductase gene in rat models of essential hypertension. | | |
| 86 | A factorial Mendelian randomization study to systematically prioritize genetic targets for the treatment of cardiovascular disease. | | O |

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| 85 | Statin-Related New-Onset Diabetes Appears Driven by Increased Insulin Resistance: Are There Clinical Implications?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 2798-2801 | 9.4 | 1 |
|----------------|--|------|----|
| 84 | Comparison of 2018 AHA-ACC Multi-Society Cholesterol Guidelines with 2013 ACC-AHA Cholesterol Guidelines. <i>Contemporary Cardiology</i> , 2021 , 107-120 | 0.1 | |
| 83 | The Role of Muscle Protein and Energy Metabolism in Statin-Associated Muscle Symptoms. <i>Contemporary Cardiology</i> , 2020 , 113-120 | 0.1 | |
| 82 | Investigating the potential effect of antihypertensive medication on psychiatric disorders: a mendelian randomisation study. | | |
| 81 | The hepatic compensatory response to elevated systemic sulfide promotes diabetes. | | |
| 80 | The miR-124-AMPAR pathway connects polygenic risks with behavioral changes shared between schizophrenia and bipolar disorder. | | |
| 79 | Cholesterol - the devil you know; ceramide - the devil you don't. <i>Trends in Pharmacological Sciences</i> , 2021 , 42, 1082-1095 | 13.2 | 3 |
| 7 ⁸ | Hepatocyte cholesterol content modulates glucagon receptor signalling. | | |
| 77 | Utility of genetic variants to predict prognosis in coronary artery disease patients receiving statin treatment. <i>International Journal of Clinical and Experimental Pathology</i> , 2017 , 10, 8795-8803 | 1.4 | |
| 76 | Impaired HMG-CoA Reductase Activity Caused by Genetic Variants or Statin Exposure: Impact on Human Adipose Tissue, ECells and Metabolome. <i>Metabolites</i> , 2021 , 11, | 5.6 | |
| 75 | The Reciprocal Relationship between LDL Metabolism and Type 2 Diabetes Mellitus <i>Metabolites</i> , 2021 , 11, | 5.6 | 2 |
| 74 | Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2021 , | 14.6 | 4 |
| 73 | The hepatic compensatory response to elevated systemic sulfide promotes diabetes. <i>Cell Reports</i> , 2021 , 37, 109958 | 10.6 | 2 |
| 72 | CETP-inhibitors: from HDL-C to LDL-C lowering agents?. Cardiovascular Research, 2021, | 9.9 | 3 |
| 71 | Blood pressure lowering and risk of new-onset type 2 diabetes: an individual participant data meta-analysis. <i>Lancet, The</i> , 2021 , 398, 1803-1810 | 40 | 11 |
| 70 | Response to comment on "Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics". <i>Science Translational Medicine</i> , 2021 , 13, eabf4530 | 17.5 | |
| 69 | Effect of NPC1L1 and HMGCR Genetic Variants With Premature Triple-Vessel Coronary Disease <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 704501 | 5.4 | 1 |
| 68 | Biochemical risk factors of atherosclerotic cardiovascular disease: from a narrow and controversial approach to an integral approach and precision medicine <i>Expert Review of Cardiovascular Therapy</i> , 2021 , | 2.5 | |

| 67 | Statins and Higher Diabetes Mellitus Risk: Incidence, Proposed Mechanisms, and Clinical Implications. <i>Cardiology in Review</i> , 2021 , 29, 314-322 | 3.2 | 2 |
|----|---|------|---|
| 66 | Impaired HMG-CoA Reductase Activity Caused by Genetic Variants or Statin Exposure: Impact on Human Adipose Tissue, Ecells and Metabolome. <i>Metabolites</i> , 2021 , 11, 574 | 5.6 | O |
| 65 | Bempedoic acid in patients with type 2 diabetes mellitus, prediabetes, and normoglycaemia: a post hoc analysis of efficacy and glycaemic control using pooled data from phase 3 clinical trials <i>Diabetes, Obesity and Metabolism</i> , 2022 , | 6.7 | О |
| 64 | Genetically proxied therapeutic inhibition of antihypertensive drug targets and risk of common cancers: A mendelian randomization analysis <i>PLoS Medicine</i> , 2022 , 19, e1003897 | 11.6 | 2 |
| 63 | Reduction of Cardiovascular Disease and Mortality versus Risk of New Onset Diabetes with Statin Use in Patients with Rheumatoid Arthritis <i>Arthritis Care and Research</i> , 2022 , | 4.7 | О |
| 62 | Efficacy and Safety of PCSK9 Monoclonal Antibodies in Patients With Diabetes <i>Clinical Therapeutics</i> , 2022 , | 3.5 | 1 |
| 61 | Using Genomic data to Investigate the Anti-Depressive Effects of Statins. | | |
| 60 | The Statin Target Hmgcr Regulates Energy Metabolism and Food Intake through Central Mechanisms <i>Cells</i> , 2022 , 11, | 7.9 | O |
| 59 | Side effects of statins-from pathophysiology and epidemiology to diagnostic and therapeutic implications <i>Cardiovascular Research</i> , 2022 , | 9.9 | 4 |
| 58 | Investigating the effects of statins on ischemic heart disease allowing for effects on body mass index: a Mendelian randomization study <i>Scientific Reports</i> , 2022 , 12, 3478 | 4.9 | O |
| 57 | Strengthening a Study of Diabetes Progression After Statins Use JAMA Internal Medicine, 2022, | 11.5 | |
| 56 | Phenotypic Causal Inference Using Genome-Wide Association Study Data: Mendelian Randomization and Beyond <i>Annual Review of Biomedical Data Science</i> , 2022 , | 5.6 | O |
| 55 | Lipid traits and type 2 diabetes risk in African ancestry individuals: A Mendelian Randomization study <i>EBioMedicine</i> , 2022 , 78, 103953 | 8.8 | 1 |
| 54 | Investigating genetically mimicked effects of statins via HMGCR inhibition on immune-related diseases in men and women using Mendelian randomization. <i>Scientific Reports</i> , 2021 , 11, 23416 | 4.9 | O |
| 53 | Distinct metabolic features of genetic liability to type 2 diabetes and coronary artery disease: a reverse Mendelian randomization study. | | |
| 52 | Mendelian randomization in pharmacogenomics: The unforeseen potentials <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112952 | 7.5 | O |
| 51 | Induction of glutathione biosynthesis by glycine-based treatment mitigates atherosclerosis <i>Redox Biology</i> , 2022 , 52, 102313 | 11.3 | 1 |
| 50 | Iron status and risk of sepsis: a Mendelian randomisation analysis. | | |

| 49 | Updated Understanding of the Crosstalk Between Glucose/Insulin and Cholesterol Metabolism <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 879355 | 5.4 | O |
|----|---|-----------------|---|
| 48 | An adverse lipoprotein phenotypellypertriglyceridaemic hyperapolipoprotein Bland the long-term risk of type 2 diabetes: a prospective, longitudinal, observational cohort study. <i>The Lancet Healthy Longevity</i> , 2022 , 3, e339-e346 | 9.5 | 1 |
| 47 | Using Mendelian randomisation to identify opportunities for type 2 diabetes prevention by repurposing medications used for lipid management <i>EBioMedicine</i> , 2022 , 80, 104038 | 8.8 | O |
| 46 | Genetic Evidence for a Causal Relationship between Hyperlipidemia and Type 2 Diabetes in Mice. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6184 | 6.3 | O |
| 45 | Use of antihypertensive drugs and breast cancer risk: a two-sample Mendelian randomization study. | | |
| 44 | Causal Graph Between Serum Lipids and Glycemic Traits: a Mendelian Randomization Study. Diabetes, | 0.9 | O |
| 43 | Genetic Variation in Targets of Anti-diabetic Drugs and Alzheimer Disease Risk: A Mendelian Randomization Study. <i>Neurology</i> , 10.1212/WNL.0000000000771 | 6.5 | 2 |
| 42 | Ldlr-Deficient Mice with an Atherosclerosis-Resistant Background Develop Severe Hyperglycemia and Type 2 Diabetes on a Western-Type Diet. <i>Biomedicines</i> , 2022 , 10, 1429 | 4.8 | O |
| 41 | Molecular and cellular biology of PCSK9: impact on glucose homeostasis. Journal of Drug Targeting, 1-2 | 95.4 | 1 |
| 40 | Hepatocyte cholesterol content modulates glucagon receptor signalling. <i>Molecular Metabolism</i> , 2022 , 101530 | 8.8 | O |
| 39 | Statins, gut microbiome, LDL-C, glucose intolerance: Personalized medicine timely?. <i>Med</i> , 2022 , 3, 355-2 | 35 <u>7</u> 1.7 | |
| 38 | Hepatocyte Rap1a Contributes To Obesity- and Statin-Associated Hyperglycemia. | | |
| 37 | Genetic liability between COVID-19 and heart failure: evidence from a bidirectional Mendelian randomization study. <i>BMC Cardiovascular Disorders</i> , 2022 , 22, | 2.3 | О |
| 36 | Lipids, Lipid-Lowering Therapy, and Neuropathy: A Narrative Review. Clinical Therapeutics, 2022, | 3.5 | |
| 35 | Statins and renal disease progression, ophthalmic manifestations, and neurological manifestations in veterans with diabetes: A retrospective cohort study. <i>PLoS ONE</i> , 2022 , 17, e0269982 | 3.7 | |
| 34 | Statins in High Cardiovascular Risk Patients: Do Comorbidities and Characteristics Matter?. 2022 , 23, 9326 | | O |
| 33 | Metabolite Signature of Simvastatin Treatment Involves Multiple Metabolic Pathways. 2022 , 12, 753 | | 2 |
| 32 | Integrating the Biology of Cardiovascular Disease into the Epidemiology of Economic Decision Modelling via Mendelian Randomisation. | | 1 |

| 31 | Hepatocyte Rap1a contributes to obesity- and statin-associated hyperglycemia. 2022, 40, 111259 | 0 |
|----|---|---|
| 30 | Identification, conservation, and expression of tiered pharmacogenes in zebrafish. 2022 , 17, e0273582 | O |
| 29 | Gamma-glutamyl transferase to high-density lipoprotein cholesterol ratio: A valuable predictor of type 2 diabetes mellitus incidence. 13, | 0 |
| 28 | Genetically proxied therapeutic prolyl-hydroxylase inhibition and cardiovascular risk. | o |
| 27 | Common and Rare PCSK9 Variants Associated with Low-Density Lipoprotein Cholesterol Levels and the Risk of Diabetes Mellitus: A Mendelian Randomization Study. 2022 , 23, 10418 | 1 |
| 26 | Identification and single-base gene-editing functional validation of a cis-EPO variant as a genetic predictor for EPO-increasing therapies. 2022 , 109, 1638-1652 | O |
| 25 | Association Between Statin Exposure and Diabetes Incidence among Privately-Insured Patients Before and After Applying a Novel Technique to Control for Selection Bias. 2022 , | 0 |
| 24 | Statin Use and Risk of Diabetes by Subclinical Atherosclerosis Burden (from a Multi-Ethnic Study of Atherosclerosis Report). 2022 , | 0 |
| 23 | Statins, type 2 diabetes and body mass index: a univariable and multivariable Mendelian randomization study. | O |
| 22 | Statistical methods for cis -Mendelian randomization with two-sample summary-level data. | O |
| 21 | Using human genetics to improve safety assessment of therapeutics. | 0 |
| 20 | Does Pitavastatin Therapy for Patients with Type 2 Diabetes and Dyslipidemia Affect Serum Adiponectin Levels and Insulin Sensitivity?. 2022 , 11, 6756 | 0 |
| 19 | The miR-124-AMPAR pathway connects polygenic risks with behavioral changes shared between schizophrenia and bipolar disorder. 2022 , | 0 |
| 18 | PCSK9 Inhibition and Risk of Diabetes: Should We Worry?. | 0 |
| 17 | Repurposing antihypertensive, lipid-lowering and antidiabetic drugs for lacunar stroke. | 0 |
| 16 | Effects of SLCO1B1 Genetic Variant on Metabolite Profile in Participants on Simvastatin Treatment. 2022 , 12, 1159 | 0 |
| 15 | The association between statin use and osteoarthritis-related outcomes: An updated systematic review and meta-analysis. 13, | 1 |
| 14 | Efficient targeted learning of heterogeneous treatment effects for multiple subgroups. | О |

CITATION REPORT

| 13 | Assessing the Most Vulnerable Subgroup to Type II Diabetes Associated with Statin Usage: Evidence from Electronic Health Record Data. 1-26 | 0 |
|----|--|---|
| 12 | Statin-Induced Geranylgeranyl Pyrophosphate Depletion Promotes PCSK9 D ependent Adipose Insulin Resistance. 2022 , 14, 5314 | 1 |
| 11 | CoQ Regulates Brown Adipose Tissue Respiration and Uncoupling Protein 1 Expression. 2023, 12, 14 | 0 |
| 10 | Investigating sex-specific associations of lipid traits with type 2 diabetes, glycemic traits and sex hormones using Mendelian randomization. 2023 , 22, | O |
| 9 | Lipids. 2022 , 195-209 | O |
| 8 | Insights into Causal Cardiovascular Risk Factors from Mendelian Randomization. | Ο |
| 7 | Neutral effect of SGLT2 inhibitors on lipoprotein metabolism: From clinical evidence to molecular mechanisms 2023 , 106667 | 0 |
| 6 | Guidelines for the Diagnosis and Treatment of Pediatric Familial Hypercholesterolemia 2022. 2023 , | O |
| 5 | Investigating the potential anti-depressive mechanisms of statins: a transcriptomic and Mendelian randomization analysis. 2023 , 13, | 0 |
| 4 | Statins and diabetes: What are the connections?. 2023 , 37, 101749 | O |
| 3 | A Study on Pharmacokinetic Functionalities and Safety Margins of an Optimized Simvastatin Nanoformulation. 2023 , 16, 380 | 0 |
| 2 | Distinct metabolic features of genetic liability to type 2 diabetes and coronary artery disease: a reverse Mendelian randomization study. 2023 , 90, 104503 | O |
| 1 | Druggable proteins influencing cardiac structure and function: Implications for heart failure therapies and cancer cardiotoxicity. 2023 , 9, | 0 |