

MEDI0382, a GLP-1 and glucagon receptor dual agonist,  
with type 2 diabetes: a randomised, controlled, double-blind  
study

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Involvement of Glucagon in Preventive Effect of Menthol Against High Fat Diet Induced Obesity in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 1244.	1.6	28
3	Twice the benefits with twincretins?. <i>Lancet, The</i> , 2018, 392, 2142-2144.	6.3	5
4	LY3298176, a novel dual GIP and GLP-1 receptor agonist for the treatment of type 2 diabetes mellitus: From discovery to clinical proof of concept. <i>Molecular Metabolism</i> , 2018, 18, 3-14.	3.0	400
6	Agonism of receptors in the gut-pancreas axis in type 2 diabetes: are two better than one?. <i>Lancet, The</i> , 2018, 391, 2577-2578.	6.3	6
7	No Guts, No Loss: Toward the Ideal Treatment for Obesity in the Twenty-First Century. <i>Frontiers in Endocrinology</i> , 2018, 9, 442.	1.5	22
8	Glucagon Control on Food Intake and Energy Balance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3905.	1.8	32
10	Novel approaches to anti-obesity drug discovery with gut hormones over the past 10 years. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 1151-1159.	2.5	9
12	The future of new drugs for diabetes management. <i>Diabetes Research and Clinical Practice</i> , 2019, 155, 107785.	1.1	28
13	Glucagon Receptor Signaling and Glucagon Resistance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3314.	1.8	113
14	The Liver- $\alpha$ -Cell Axis and Type 2 Diabetes. <i>Endocrine Reviews</i> , 2019, 40, 1353-1366.	8.9	110
15	Designing Poly-agonists for Treatment of Metabolic Diseases: Challenges and Opportunities. <i>Drugs</i> , 2019, 79, 1187-1197.	4.9	15
16	Hyperglucagonemia in youth is associated with high plasma free fatty acids, visceral adiposity, and impaired glucose tolerance. <i>Pediatric Diabetes</i> , 2019, 20, 880-891.	1.2	17
17	Glucagon Regulation of Energy Expenditure. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5407.	1.8	70
18	Will medications that mimic gut hormones or target their receptors eventually replace bariatric surgery?. <i>Metabolism: Clinical and Experimental</i> , 2019, 100, 153960.	1.5	16
19	Glucagon-like peptide 1 (GLP-1). <i>Molecular Metabolism</i> , 2019, 30, 72-130.	3.0	850
20	Emerging Role of SGLT-2 Inhibitors for the Treatment of Obesity. <i>Drugs</i> , 2019, 79, 219-230.	4.9	170
21	Combined GLP-1, Oxyntomodulin, and Peptide YY Improves Body Weight and Glycemia in Obesity and Prediabetes/Type 2 Diabetes: A Randomized, Single-Blinded, Placebo-Controlled Study. <i>Diabetes Care</i> , 2019, 42, 1446-1453.	4.3	84
22	Exciting advances in GPCR-based drugs discovery for treating metabolic disease and future perspectives. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 421-431.	2.5	11

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23	Weight change is associated with increased all-cause mortality and non-cardiac mortality among patients with type 2 diabetes mellitus. <i>Endocrine</i> , 2019, 64, 82-89.	1.1	17
25	Weight loss variability with SGLT2 inhibitors and GLP-1 receptor agonists in type 2 diabetes mellitus and obesity: Mechanistic possibilities. <i>Obesity Reviews</i> , 2019, 20, 816-828.	3.1	139
26	Incretin Mimetics as Rational Candidates for the Treatment of Traumatic Brain Injury. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 66-91.	2.5	28
27	Intranasal glucagon acutely increases energy expenditure without inducing hyperglycaemia in overweight/obese adults. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1357-1364.	2.2	11
28	Gut Peptide Agonism in the Treatment of Obesity and Diabetes. , 2019, 10, 99-124.		4
29	Omentin-1 in diabetes mellitus: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2019, 14, e0226292.	1.1	37
30	Emerging hormonal-based combination pharmacotherapies for the treatment of metabolic diseases. <i>Nature Reviews Endocrinology</i> , 2019, 15, 90-104.	4.3	92
31	Cracking the combination: Gut hormones for the treatment of obesity and diabetes. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12664.	1.2	29
32	New advances and novel approaches in obesity pharmacotherapy. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019, 4, 75-82.	0.6	1
33	Pharmacotherapy of obesity: Available medications and drugs under investigation. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 170-192.	1.5	184
34	Repositioning Glucagon Action in the Physiology and Pharmacology of Diabetes. <i>Diabetes</i> , 2020, 69, 532-541.	0.3	77
35	Recent Developments in Therapeutic Peptides for the Glucagon-like Peptide 1 and 2 Receptors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 905-927.	2.9	34
36	Efficacy, Safety, and Mechanistic Insights of Cotadutide, a Dual Receptor Glucagon-Like Peptide-1 and Glucagon Agonist. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 803-820.	1.8	75
37	New Insights into Beta-Cell GLP-1 Receptor and cAMP Signaling. <i>Journal of Molecular Biology</i> , 2020, 432, 1347-1366.	2.0	40
38	Role of endogenous glucagon-like peptide-1 enhanced by vildagliptin in the glycaemic and energy expenditure responses to intraduodenal fat infusion in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 383-392.	2.2	10
39	Novel glucagon- and OXM-based peptides acting through glucagon and GLP-1 receptors with body weight reduction and anti-diabetic properties. <i>Bioorganic Chemistry</i> , 2020, 95, 103538.	2.0	9
40	Anorectic state of obesity medications in the United States. Are leaner times ahead?. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 167-172.	0.9	4
41	Dual glucagon-like peptide-1 receptor/glucagon receptor agonist SAR425899 improves beta-cell function in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 640-647.	2.2	27

#	ARTICLE	IF	CITATIONS
42	Selection and progression of unimolecular agonists at the GIP, GLP-1, and glucagon receptors as drug candidates. <i>Peptides</i> , 2020, 125, 170225.	1.2	30
43	A dual GLP-1 and Gcg receptor agonist rescues spatial memory and synaptic plasticity in APP/PS1 transgenic mice. <i>Hormones and Behavior</i> , 2020, 118, 104640.	1.0	10
44	Developing an injectable co-formulation of two antidiabetic drugs: Excipient impact on peptide aggregation and pharmacokinetic properties. <i>International Journal of Pharmaceutics</i> , 2020, 576, 119019.	2.6	6
45	Obesity medications in development. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 63-71.	1.9	30
46	Agonist-activated glucagon receptors are deubiquitinated at early endosomes by two distinct deubiquitinases to facilitate Rab4a-dependent recycling. <i>Journal of Biological Chemistry</i> , 2020, 295, 16630-16642.	1.6	14
47	Evaluation of biased agonism mediated by dual agonists of the GLP-1 and glucagon receptors. <i>Biochemical Pharmacology</i> , 2020, 180, 114150.	2.0	23
48	Age, sex, disease severity, and disease duration difference in placebo response: implications from a meta-analysis of diabetes mellitus. <i>BMC Medicine</i> , 2020, 18, 322.	2.3	5
49	Amino acids are sensitive glucagon receptor-specific biomarkers for glucagon-like peptide-1 receptor/glucagon receptor dual agonists. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2437-2450.	2.2	17
50	Appetite control: hormones or diet strategies?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 328-335.	1.3	18
51	Gut-Pancreas-Liver Axis as a Target for Treatment of NAFLD/NASH. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5820.	1.8	38
52	Cryo-electron microscopy structure of the glucagon receptor with a dual-agonist peptide. <i>Journal of Biological Chemistry</i> , 2020, 295, 9313-9325.	1.6	31
53	Gastrointestinal Peptides as Therapeutic Targets to Mitigate Obesity and Metabolic Syndrome. <i>Current Diabetes Reports</i> , 2020, 20, 26.	1.7	17
54	The Fight Against Obesity Escalates: New Drugs on the Horizon and Metabolic Implications. <i>Current Obesity Reports</i> , 2020, 9, 136-149.	3.5	18
55	Insights into incretin-based therapies for treatment of diabetic dyslipidemia. <i>Advanced Drug Delivery Reviews</i> , 2020, 159, 34-53.	6.6	21
56	Resolution of NASH and hepatic fibrosis by the GLP-1R and GCGR dual-agonist cotadutide via modulating mitochondrial function and lipogenesis. <i>Nature Metabolism</i> , 2020, 2, 413-431.	5.1	131
57	An emerging new concept for the management of type 2 diabetes with a paradigm shift from the glucose-centric to beta cell-centric concept of diabetes - an Asian perspective. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 1565-1577.	0.9	13
58	Antidiabetic Therapy in the Treatment of Nonalcoholic Steatohepatitis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1907.	1.8	42
59	Glucagon-based therapy: Past, present and future. <i>Peptides</i> , 2020, 127, 170296.	1.2	22

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60	Leveraging the Gut to Treat Metabolic Disease. <i>Cell Metabolism</i> , 2020, 31, 679-698.	7.2	53
61	Incretin combination therapy for the treatment of non-alcoholic steatohepatitis. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1328-1338.	2.2	26
62	New Generation Oxyntomodulin Peptides with Improved Pharmacokinetic Profiles Exhibit Weight Reducing and Anti-Steatotic Properties in Mice. <i>Bioconjugate Chemistry</i> , 2020, 31, 1167-1176.	1.8	21
63	Glucagon-Like Peptide-1: Actions and Influence on Pancreatic Hormone Function. , 2020, 10, 577-595.		16
64	Multiagonist Unimolecular Peptides for Obesity and Type 2 Diabetes: Current Advances and Future Directions. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2020, 13, 117955142090584.	1.0	17
65	Metabolically Healthy Obesity. <i>Endocrine Reviews</i> , 2020, 41, .	8.9	445
66	Chitosan oligosaccharide ameliorated obesity by reducing endoplasmic reticulum stress in diet-induced obese rats. <i>Food and Function</i> , 2020, 11, 6285-6296.	2.1	24
67	The Implication of Gut Hormones in the Regulation of Energy Homeostasis and Their Role in the Pathophysiology of Obesity. <i>Current Obesity Reports</i> , 2020, 9, 255-271.	3.5	39
68	Combination of Lorcaserin and GLP-1/glucagon Coagonist Improves Metabolic Dysfunction in Diet Induced-obese Mice. <i>Drug Research</i> , 2020, 70, 376-384.	0.7	1
69	What is on the horizon for type 2 diabetes pharmacotherapy? " An overview of the antidiabetic drug development pipeline. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 1253-1265.	2.5	6
70	Improving understanding of type 2 diabetes remission: research recommendations from Diabetes UK's 2019 remission workshop. <i>Diabetic Medicine</i> , 2020, 37, 1944-1950.	1.2	3
71	Effects of GLP-1 and Its Analogs on Gastric Physiology in Diabetes Mellitus and Obesity. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1307, 171-192.	0.8	64
72	Revisiting the Pharmacological Value of Glucagon: An Editorial for the Special Issue "The Biology and Pharmacology of Glucagon". <i>International Journal of Molecular Sciences</i> , 2020, 21, 383.	1.8	0
73	Current and new pharmacotherapy options for non-alcoholic steatohepatitis. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 953-967.	0.9	28
74	Drug Therapy in Obesity: A Review of Current and Emerging Treatments. <i>Diabetes Therapy</i> , 2020, 11, 1199-1216.	1.2	123
75	Acute Effects of Glucagon on Reproductive Hormone Secretion in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1899-1905.	1.8	3
76	Effect of the glucagon-like peptide-1 analogue liraglutide versus placebo treatment on circulating proglucagon-derived peptides that mediate improvements in body weight, insulin secretion and action: A randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 489-498.	2.2	14
77	Behavioural and neurochemical mechanisms underpinning the feeding-suppressive effect of GLP-1/CCK combinatorial therapy. <i>Molecular Metabolism</i> , 2021, 43, 101118.	3.0	8

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78	Glucagon Resistance and Decreased Susceptibility to Diabetes in a Model of Chronic Hyperglucagonemia. <i>Diabetes</i> , 2021, 70, 477-491.	0.3	13
79	G-protein-coupled receptors controlling pancreatic $\beta$ -cell functional mass for the treatment of type 2 diabetes. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2021, 16, 113-118.	0.6	2
80	Nuclear hormone and peptide hormone therapeutics for NAFLD and NASH. <i>Molecular Metabolism</i> , 2021, 46, 101153.	3.0	10
81	Incretin Hormones in Obesity and Related Cardiometabolic Disorders: The Clinical Perspective. <i>Nutrients</i> , 2021, 13, 351.	1.7	28
82	Narrative review of current and emerging pharmacological therapies for nonalcoholic steatohepatitis. <i>Translational Gastroenterology and Hepatology</i> , 2021, 6, 60-60.	1.5	7
83	Efficacy and safety of glucagon-like peptide-1/glucagon receptor co-agonist <a href="#">NJE64565111</a> in individuals with type 2 diabetes mellitus and obesity: A randomized dose-ranging study. <i>Clinical Obesity</i> , 2021, 11, e12433.	1.1	26
84	Gut Hormones in Health and Obesity: The Upcoming Role of Short Chain Fatty Acids. <i>Nutrients</i> , 2021, 13, 481.	1.7	39
85	Design and Evaluation of Peptide Dual-Agonists of GLP-1 and NPY2 Receptors for Glucoregulation and Weight Loss with Mitigated Nausea and Emesis. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1127-1138.	2.9	21
86	Therapeutics for type-2 diabetes mellitus: a glance at the recent inclusions and novel agents under development for use in clinical practice. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2021, 12, 204201882110421.	1.4	12
87	Design of novel <i>Xenopus</i> GLP-1-based dual glucagon-like peptide 1 (GLP-1)/glucagon receptor agonists. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113118.	2.6	11
88	<a href="#">Nonalcoholic fatty liver disease</a> as a metabolic disease in humans: A literature review. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1069-1083.	2.2	104
89	An update on pharmacotherapeutic strategies for obesity. <i>Expert Opinion on Pharmacotherapy</i> , 2021, 22, 1305-1318.	0.9	6
90	Safety and efficacy of an extended-release peptide <a href="#">YY</a> analogue for obesity: A randomized, placebo-controlled, phase 1 trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1471-1483.	2.2	9
92	The gut-brain axis: Identifying new therapeutic approaches for type 2 diabetes, obesity, and related disorders. <i>Molecular Metabolism</i> , 2021, 46, 101175.	3.0	29
94	Glucagon-like peptide-1 receptor co-agonists for treating metabolic disease. <i>Molecular Metabolism</i> , 2021, 46, 101090.	3.0	150
95	Promising areas of pharmacotherapy for obesity. <i>Russian Journal of Cardiology</i> , 2021, 26, 4279.	0.4	3
96	Glucagon's Metabolic Action in Health and Disease. , 2021, 11, 1759-1783.		21
97	Liver-targeting drugs and their effect on blood glucose and hepatic lipids. <i>Diabetologia</i> , 2021, 64, 1461-1479.	2.9	21

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98	Proglucagon-Derived Peptides as Therapeutics. <i>Frontiers in Endocrinology</i> , 2021, 12, 689678.	1.5	34
99	Old Paradoxes and New Opportunities for Appetite Control in Obesity. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 264-294.	3.1	22
100	Pharmacokinetics, safety, tolerability and efficacy of cotadutide, a glucagon-like peptide-1 and glucagon receptor dual agonist, in phase 1 and 2 trials in overweight or obese participants of Asian descent with or without type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1859-1867.	2.2	19
101	Novel therapies with precision mechanisms for type 2 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2021, 17, 364-377.	4.3	70
102	Effects of Cotadutide on Metabolic and Hepatic Parameters in Adults With Overweight or Obesity and Type 2 Diabetes: A 54-Week Randomized Phase 2b Study. <i>Diabetes Care</i> , 2021, 44, 1433-1442.	4.3	151
103	The therapeutic potential of GLP-1 receptor biased agonism. <i>British Journal of Pharmacology</i> , 2022, 179, 492-510.	2.7	27
104	Post-pancreatitis diabetes mellitus: investigational drugs in preclinical and clinical development and therapeutic implications. <i>Expert Opinion on Investigational Drugs</i> , 2021, 30, 737-747.	1.9	13
105	New Aspects of Diabetes Research and Therapeutic Development. <i>Pharmacological Reviews</i> , 2021, 73, 1001-1015.	7.1	10
106	Comparison of islet cell function, insulin sensitivity, and incretin axis between Asian-Indians with either impaired fasting glucose or impaired glucose tolerance, and normal healthy controls. <i>Diabetes Research and Clinical Practice</i> , 2021, 176, 108846.	1.1	2
107	A Metabolomic Signature of Glucagon Action in Healthy Individuals With Overweight/Obesity. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab118.	0.1	11
108	Therapeutic Peptides Targeting PPI in Clinical Development: Overview, Mechanism of Action and Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 697586.	1.6	64
109	Anti-diabetic drugs and NASH: from current options to promising perspectives. <i>Expert Opinion on Investigational Drugs</i> , 2021, 30, 813-825.	1.9	16
110	Combined medical strategies for the management of type 2 diabetes mellitus and obesity in adults. <i>Expert Opinion on Pharmacotherapy</i> , 2021, 22, 1-22.	0.9	2
111	Stapled, Long-Acting Xenopus GLP-1-Based Dual GLP-1/Glucagon Receptor Agonists with Potent Therapeutic Efficacy for Metabolic Disease. <i>Molecular Pharmaceutics</i> , 2021, 18, 2906-2923.	2.3	2
112	Emerging glucagon-like peptide 1 receptor agonists for the treatment of obesity. <i>Expert Opinion on Emerging Drugs</i> , 2021, 26, 231-243.	1.0	51
113	Pharmacotherapy of obesity: An update. <i>Pharmacological Research</i> , 2021, 169, 105649.	3.1	28
114	Pharmacological Therapeutics: Current Trends for Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD). <i>Journal of Clinical and Translational Hepatology</i> , 2021, 000, 000-000.	0.7	8
115	Treatment of type 2 diabetes: challenges, hopes, and anticipated successes. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 525-544.	5.5	121

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116	Novel approaches to pharmacological management of type 2 diabetes in Japan. Expert Opinion on Pharmacotherapy, 2021, 22, 2235-2249.	0.9	2
117	Glucagon-like peptide-1 in diabetes care: Can glycaemic control be achieved without nausea and vomiting?. British Journal of Pharmacology, 2022, 179, 542-556.	2.7	19
118	Partial agonism improves the anti-hyperglycaemic efficacy of an oxyntomodulin-derived GLP-1R/GCGR co-agonist. Molecular Metabolism, 2021, 51, 101242.	3.0	7
119	Insulin resistance and insulin sensitizing agents. Metabolism: Clinical and Experimental, 2021, 125, 154892.	1.5	86
120	Striking the Balance: GLP-1/Glucagon Co-Agonism as a Treatment Strategy for Obesity. Frontiers in Endocrinology, 2021, 12, 735019.	1.5	39
121	Amplifying the antidiabetic actions of glucagon-like peptide-1: Potential benefits of new adjunct therapies. Diabetic Medicine, 2021, 38, e14699.	1.2	8
122	Application in medicine: obesity and satiety control. , 2021, , 629-664.		0
123	Long-Term Efficacy and Safety of Anti-Obesity Treatment: Where Do We Stand?. Current Obesity Reports, 2021, 10, 14-30.	3.5	136
124	Pharmacological treatment of hyperglycemia in type 2 diabetes. Journal of Clinical Investigation, 2021, 131, .	3.9	102
125	CNS-targeting pharmacological interventions for the metabolic syndrome. Journal of Clinical Investigation, 2019, 129, 4058-4071.	3.9	24
126	Nonclassical Islet Peptides: Pancreatic and Extrapancreatic Actions. Clinical Medicine Insights: Endocrinology and Diabetes, 2019, 12, 117955141988887.	1.0	12
127	Combination gut hormones: prospects and questions for the future of obesity and diabetes therapy. Journal of Endocrinology, 2020, 246, R65-R74.	1.2	18
128	Novel Noninvasive Approaches to the Treatment of Obesity: From Pharmacotherapy to Gene Therapy. Endocrine Reviews, 2022, 43, 507-557.	8.9	39
129	Effect of the Gintonin-Enriched Fraction on Glucagon-Like-Protein-1 Release. Molecules, 2021, 26, 6298.	1.7	1
130	Pharmacotherapy for Type 2 Diabetes Mellitus: What's Up and Coming in the Glucagon-Like Peptide-1 (GLP-1) Pipeline?. Journal of Pharmacy Practice, 2021, , 089719002110490.	0.5	0
132	The role of incretin-based therapies in the management of type 2 diabetes mellitus: perspectives on the past, present and future. Diabetes Mellitus, 2019, 22, 461-466.	0.5	1
133	The incretin/glucagon system as a target for pharmacotherapy of obesity. Obesity Reviews, 2022, 23, .	3.1	26
134	Insights into the molecular targets and emerging pharmacotherapeutic interventions for nonalcoholic fatty liver disease. Metabolism: Clinical and Experimental, 2022, 126, 154925.	1.5	134



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136	The current significance and prospects for the use of dual receptor agonism GLP-1/Glucagon. <i>Life Sciences</i> , 2022, 288, 120188.	2.0	13
137	An oral GLP-1 and GIP dual receptor agonist improves metabolic disorders in high fat-fed mice. <i>European Journal of Pharmacology</i> , 2022, 914, 174635.	1.7	4
139	A glucagon analogue decreases body weight in mice via signalling in the liver. <i>Scientific Reports</i> , 2021, 11, 22577.	1.6	6
140	Gap junction coupling and islet delta-cell function in health and disease. <i>Peptides</i> , 2022, 147, 170704.	1.2	10
141	Efficacy and safety of high-dose glucagon-like peptide-1, glucagon-like peptide-1/glucose-dependent insulinotropic peptide, and glucagon-like peptide-1/glucagon receptor agonists in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 788-805.	2.2	17
142	The metabolic triad of non-alcoholic fatty liver disease, visceral adiposity and type 2 diabetes: Implications for treatment. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 15-27.	2.2	24
143	Effects on weight loss and glycemic control with SAR441255, a potent unimolecular peptide GLP-1/GIP/GCG receptor triagonist. <i>Cell Metabolism</i> , 2022, 34, 59-74.e10.	7.2	92
144	Is polypharmacy the future for pharmacological management of obesity?. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, 23, 100322.	0.6	5
145	Novel Drugs for Diabetes Therapy. <i>Handbook of Experimental Pharmacology</i> , 2022, , 1.	0.9	0
146	The Design and Optimization of Monomeric Multitarget Peptides for the Treatment of Multifactorial Diseases. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3685-3705.	2.9	1
147	Recent Advances in Incretin-Based Pharmacotherapies for the Treatment of Obesity and Diabetes. <i>Frontiers in Endocrinology</i> , 2022, 13, 838410.	1.5	42
148	Population Pharmacokinetics of Cotadutide in Subjects with Type 2 Diabetes. <i>Clinical Pharmacokinetics</i> , 2022, 61, 833-845.	1.6	7
150	A novel integrated QSP model of in vivo human glucose regulation to support the development of a glucagon/GLP-1 dual agonist. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2022, 11, 302-317.	1.3	3
151	Design of a highly potent GLP-1R and GCGR dual-agonist for recovering hepatic fibrosis. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2443-2461.	5.7	12
152	Efficacy and safety of cotadutide, a dual glucagon-like peptide-1 and glucagon receptor agonist, in a randomized phase 2a study of patients with type 2 diabetes and chronic kidney disease. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1360-1369.	2.2	28
153	Is Glucagon Receptor Activation the Thermogenic Solution for Treating Obesity?. <i>Frontiers in Endocrinology</i> , 2022, 13, 868037.	1.5	11
154	Impact of Cotadutide drug on patients with type 2 diabetes mellitus: a systematic review and meta-analysis. <i>BMC Endocrine Disorders</i> , 2022, 22, 113.	0.9	11
155	Anti-obesity Medications for the Management of Nonalcoholic Fatty Liver Disease. <i>Current Obesity Reports</i> , 2022, 11, 166-179.	3.5	18

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156	Examining the evidence for weight management in individuals with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1411-1422.	2.2	1
157	Breakthroughs in therapies for NASH and remaining challenges. <i>Journal of Hepatology</i> , 2022, 76, 1263-1278.	1.8	66
158	Multiagonists of the "incretin axis" as a promising tool for managing cardiometabolic risk in visceral obesity. <i>Russian Journal of Cardiology</i> , 2022, 27, 4755.	0.4	0
159	Pharmacotherapy for Non-alcoholic Fatty Liver Disease Associated with Diabetes Mellitus Type 2. <i>Journal of Clinical and Translational Hepatology</i> , 2022, 10, 965-971.	0.7	2
161	Cross Talk Between Insulin and Glucagon Receptor Signaling in the Hepatocyte. <i>Diabetes</i> , 2022, 71, 1842-1851.	0.3	5
162	Multiagonists of the "incretin axis" as a promising tool for managing cardiometabolic risk in visceral obesity. <i>Russian Journal of Cardiology</i> , 2022, 27, 4755.	0.4	1
163	A phase 1b randomised controlled trial of a glucagon-like peptide-1 and glucagon receptor dual agonist IBI362 (LY3305677) in Chinese patients with type 2 diabetes. <i>Nature Communications</i> , 2022, 13, .	5.8	21
164	Hepatocyte cholesterol content modulates glucagon receptor signalling. <i>Molecular Metabolism</i> , 2022, 63, 101530.	3.0	4
166	Next generation GLP-1/GIP/glucagon triple agonists normalize body weight in obese mice. <i>Molecular Metabolism</i> , 2022, 63, 101533.	3.0	43
167	Glucagon receptor signaling at white adipose tissue does not regulate lipolysis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 323, E389-E401.	1.8	8
168	Derivatization with fatty acids in peptide and protein drug discovery. <i>Nature Reviews Drug Discovery</i> , 2023, 22, 59-80.	21.5	19
169	Effects of site-directed mutagenesis of GLP-1 and glucagon receptors on signal transduction activated by dual and triple agonists. <i>Acta Pharmacologica Sinica</i> , 2023, 44, 421-433.	2.8	2
170	LY3437943, a novel triple glucagon, GIP, and GLP-1 receptor agonist for glycemic control and weight loss: From discovery to clinical proof of concept. <i>Cell Metabolism</i> , 2022, 34, 1234-1247.e9.	7.2	77
171	Glucagon-like peptide 1 and fibroblast growth factor-21 in non-alcoholic steatohepatitis: An experimental to clinical perspective. <i>Pharmacological Research</i> , 2022, 184, 106426.	3.1	6
172	Therapie von Begleiterkrankungen: Diabetes mellitus und Dyslipoproteinämie. , 2022, , 211-225.		0
173	Hepatic Glucagon Receptor Signaling Controls Amino Acid Metabolism and Regulates Alpha Cell Mass. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
174	Signaling pathways in obesity: mechanisms and therapeutic interventions. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	72
175	Novel Therapies for Cardiometabolic Disease: Recent Findings in Studies with Hormone Peptide-Derived G Protein Coupled Receptor Agonists. <i>Nutrients</i> , 2022, 14, 3775.	1.7	2

#	ARTICLE	IF	CITATIONS
176	Opposing effects of chronic glucagon receptor agonism and antagonism on amino acids, hepatic gene expression, and alpha cells. <i>IScience</i> , 2022, 25, 105296.	1.9	10
177	Safety and efficacy of a GLP-1 and glucagon receptor dual agonist mazdutide (IBI362) 9 mg and 10 mg in Chinese adults with overweight or obesity: A randomised, placebo-controlled, multiple-ascending-dose phase 1b trial. <i>EClinicalMedicine</i> , 2022, 54, 101691.	3.2	23
178	Glucagon-like peptide-1 (GLP-1) receptor agonists and neuroinflammation: Implications for neurodegenerative disease treatment. <i>Pharmacological Research</i> , 2022, 186, 106550.	3.1	30
180	Emerging pharmacological treatment options for MAFLD. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2022, 13, 204201882211424.	1.4	4
181	The Effects of Dual GLP-1/Glucagon Receptor Agonists with Different Receptor Selectivity in Mouse Models of Obesity and Nonalcoholic Steatohepatitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2023, 384, 406-416.	1.3	5
182	New therapies for obesity. <i>Cardiovascular Research</i> , 2024, 119, 2825-2842.	1.8	16
183	GLP-1R Signaling and Functional Molecules in Incretin Therapy. <i>Molecules</i> , 2023, 28, 751.	1.7	7
184	GLP-1 Receptor Agonists in Non-Alcoholic Fatty Liver Disease: Current Evidence and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1703.	1.8	31
185	Emerging roles of oxyntomodulin-based glucagon-like peptide-1/glucagon co-agonist analogs in diabetes and obesity. <i>Peptides</i> , 2023, 162, 170955.	1.2	5
186	Variation in responses to incretin therapy: Modifiable and non-modifiable factors. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	1
187	Newly discovered knowledge pertaining to glucagon and its clinical applications. <i>Journal of Diabetes Investigation</i> , 2023, 14, 829-837.	1.1	4
188	The molecular pharmacology of glucagon agonists in diabetes and obesity. <i>Peptides</i> , 2023, 165, 171003.	1.2	8
189	A newly developed glucagon sandwich <sc>ELISA</sc> is useful for more accurate glucagon evaluation than the currently used sandwich <sc>ELISA</sc> in subjects with elevated plasma proglucagon-derived peptide levels. <i>Journal of Diabetes Investigation</i> , 2023, 14, 648-658.	1.1	3
190	Pharmacological Support for the Treatment of Obesity—Present and Future. <i>Healthcare (Switzerland)</i> , 2023, 11, 433.	1.0	6
191	Obesity Pharmacotherapy: a Review of Current Practices and Future Directions. <i>Current Treatment Options in Gastroenterology</i> , 2023, 21, 27-47.	0.3	0
192	Revisiting the role of glucagon in health, diabetes mellitus and other metabolic diseases. <i>Nature Reviews Endocrinology</i> , 2023, 19, 321-335.	4.3	28
193	Diabesity and the Kidney. <i>Frontiers in Clinical Drug Research Diabetes and Obesity</i> , 2023, , 168-207.	0.1	0
194	Perspectives in weight control in diabetes — SGLT2 inhibitors and GLP-1 glucagon dual agonism. <i>Diabetes Research and Clinical Practice</i> , 2023, 199, 110669.	1.1	1

#	ARTICLE	IF	CITATIONS
195	Is retatrutide (LY3437943), a GLP-1, GIP, and glucagon receptor agonist a step forward in the treatment of diabetes and obesity?. Expert Opinion on Investigational Drugs, 2023, 32, 355-359.	1.9	6
196	Gut hormone-based pharmacology: novel formulations and future possibilities for metabolic disease therapy. Diabetologia, 2023, 66, 1796-1808.	2.9	20
203	Gut hormone co-agonists for the treatment of obesity: from bench to bedside. Nature Metabolism, 2023, 5, 933-944.	5.1	15
219	Glucagon and the metabolic syndrome. , 2024, , 337-350.		0
220	Next-Generation Therapies for Type 2 Diabetes Mellitus. , 2024, , 347-376.		0
221	Hepatic glucose metabolism in the steatotic liver. Nature Reviews Gastroenterology and Hepatology, 0, , .	8.2	0