Roux-en-Y Gastric Bypass and Vertical Banded Gastroplasty Induce Long-Term Changes on the Human Gut Microbiome Contributing to Fat Mass Regulation

DOI: 10.1016/j.cmet.2015.07.009
Cell Metabolism, 2015, 22, 228-38.

#	Paper	IF	Citations
582	Warum wirkt die bariatrische Chirurgie eigentlich?. **2015**, 157, 44-44		
581	Prevention of Diet-Induced Obesity Effects on Body Weight and Gut Microbiota in Mice Treated Chronically with Δ9-Tetrahydrocannabinol. **2015**, 10, e0144270		70
580	Le microbiote intestinal : un nouvel acteur de la nutrition ?. **2015**, 50, 6S22-6S29		
579	Reveu de presse. **2015**, 10, 328-332		
578	Advancing gut microbiome research using cultivation. **2015**, 27, 127-32		36
577	Faecal transplants. **2015**, 351, h5149		5
576	Linking Microbiota to Human Diseases: A Systems Biology Perspective. **2015**, 26, 758-770		98
575	Obesity: Bariatric surgery-long-term effects. **2015**, 11, 567		
574	Microbiote intestinal : quelles implications thérapeutiques ?. **2015**, 36, A22-A27		
573	How do patients' clinical phenotype and the physiological mechanisms of the operations impact the choice of bariatric procedure?. **2016**, 9, 181-9		3
572	The Use of Rat and Mouse Models in Bariatric Surgery Experiments. **2016**, 3, 25		23
571	Roux-en-Y Gastric Bypass Versus Medical Treatment for Type 2 Diabetes Mellitus in Obese Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. **2016**, 95, e3462		62
570	Obesity and overweight: Impact on maternal and milk microbiome and their role for infant health and nutrition. **2016**, 60, 1865-75		39
569	Reconfiguration of the small intestine and diabetes remitting effects of Roux-en-Y gastric bypass surgery. **2016**, 32, 61-6		6
568	The association of serum choline with linear growth failure in young children from rural Malawi. **2016**, 104, 191-7		26
567	Diet-microbiota interactions as moderators of human metabolism. **2016**, 535, 56-64		1086
566	Roux-en-Y gastric bypass surgery of morbidly obese patients induces swift and persistent changes of the individual gut microbiota. **2016**, 8, 67		187

565	The Human Intestinal Microbiome in Health and Disease. **2016**, 375, 2369-2379		1429
564	Overview on nutritional issues in bariatric surgery. **2016**, 19, 484-490		14
563	The Gut Bacteria-Driven Obesity Development. **2016**, 34, 221-9		41
562	PYY-Dependent Restoration of Impaired Insulin and Glucagon Secretion in Type 2 Diabetes following Roux-En-Y Gastric Bypass Surgery. **2016**, 15, 944-950		56
561	Metabolic Surgery in the Treatment Algorithm for Type 2 Diabetes: A Joint Statement by International Diabetes Organizations. **2016**, 39, 861-77		522
560	Roles of the Gut in Glucose Homeostasis. **2016**, 39, 884-92		106
559	Metabolic Surgery for Type 2 Diabetes: Changing the Landscape of Diabetes Care. **2016**, 39, 857-60		34
558	Mechanisms of Diabetes Improvement Following Bariatric/Metabolic Surgery. **2016**, 39, 893-901		225
557	The crosstalk between gut microbiota and obesity and related metabolic disorders. **2016**, 11, 825-36		19
556	Reshaping the gut microbiota: Impact of low calorie sweeteners and the link to insulin resistance?. **2016**, 164, 488-493		70
555	Triggering the adaptive immune system with commensal gut bacteria protects against insulin resistance and dysglycemia. *Molecular Metabolism*, **2016**, 5, 392-403	8.8	38
554	Major Increase in Microbiota-Dependent Proatherogenic Metabolite TMAO One Year After Bariatric Surgery. **2016**, 14, 197-201		43
553	The Paradox of Increased Trimethylamine-N-Oxide Levels Following Bariatric Surgery. **2016**, 14, 195-6		2
552	Germ-Free Mice Model for Studying Host-Microbial Interactions. **2016**, 1438, 123-35		33
551	Microbial metabolism of dietary components to bioactive metabolites: opportunities for new therapeutic interventions. **2016**, 8, 46		277
550	Weight Loss Decreases Inherent and Allergic Methacholine Hyperresponsiveness in Mouse Models of Diet-Induced Obese Asthma. **2016**, 55, 176-87		20
549	Signals from the gut microbiota to distant organs in physiology and disease. **2016**, 22, 1079-1089		622
548	Potential Mechanisms Mediating Sustained Weight Loss Following Roux-en-Y Gastric Bypass and Sleeve Gastrectomy. **2016**, 45, 539-52		33

547	Obesity, Type 2 Diabetes, and the Metabolic Syndrome: Pathophysiologic Relationships and Guidelines for Surgical Intervention. **2016**, 96, 681-701		25
546	The gut microbiota and metabolic disease: current understanding and future perspectives. **2016**, 280, 339-49		150
545	Metabolic Surgery in the Treatment Algorithm for Type 2 Diabetes: A Joint Statement by International Diabetes Organizations. **2016**, 12, 1144-62		96
544	Mikrobiom, Adipositas und Energiestoffwechsel. **2016**, 12, 401-408		
543	Targeting the gastrointestinal tract to treat type 2 diabetes. **2016**, 230, R95-R113		18
542	Bariatric surgery and type 2 diabetes: are there weight loss-independent therapeutic effects of upper gastrointestinal bypass?. **2016**, 280, 476-486		36
541	Targeting the gut to treat obesity and its metabolic comorbidities: focus on bariatric surgery - view from the chair. **2016**, 6, S6-S7		0
540	The Gut Microbiota: The Gateway to Improved Metabolism. **2016**, 45, 601-614		24
539	Parental Obesity: Intergenerational Programming and Consequences. **2016**,		2
538	[Microbiotes and metabolic diseases: the bases for therapeutic strategies]. **2016**, 32, 952-960		1
537	The role of Gut Microbiota in the development of obesity and Diabetes. **2016**, 15, 108		248
536	What Have Metabolomics Approaches Taught Us About Type 2 Diabetes?. **2016**, 16, 74		40
535	Treatment of insulin resistance: straight from the gut. **2016**, 21, 1284-90		6
534	Intestinal SGLT1 in metabolic health and disease. **2016**, 310, G887-98		37
533	Treatment of Obesity: Weight Loss and Bariatric Surgery. **2016**, 118, 1844-55		229
532	Inhibition of intestinal bile acid absorption improves cholestatic liver and bile duct injury in a mouse model of sclerosing cholangitis. **2016**, 64, 674-81		99
531	Intestinal Crosstalk between Bile Acids and Microbiota and Its Impact on Host Metabolism. *Cell Metabolism*, **2016**, 24, 41-50	24.6	1022
530	Immunity-Based Evolutionary Interpretation of Diet-Induced Thermogenesis. *Cell Metabolism*, **2016**, 23, 971-979	24.6	12

529	Obesity and Cancer: The Oil that Feeds the Flame. *Cell Metabolism*, **2016**, 23, 48-62	24.6	232
528	Fatty acid metabolism and the basis of brown adipose tissue function. **2016**, 5, 98-118		67
527	The Intestinal Immune System in Obesity and Insulin Resistance. *Cell Metabolism*, **2016**, 23, 413-26	24.6	249
526	Bile Diversion in Roux-en-Y Gastric Bypass Modulates Sodium-Dependent Glucose Intestinal Uptake. *Cell Metabolism*, **2016**, 23, 547-53	24.6	74
525	Obesity and Asthma: Microbiome-Metabolome Interactions. **2016**, 54, 609-17		54
524	Role of the microbiome in the normal and aberrant glycemic response. **2016**, 6, 59-73		19
523	Losing weight for a better health: Role for the gut microbiota. **2016**, 6, 39-58		21
522	Regulation of energy balance by a gut-brain axis and involvement of the gut microbiota. **2016**, 73, 737-55		111
521	The gut microbiome, diet, and links to cardiometabolic and chronic disorders. **2016**, 12, 169-81		191
520	Samples and techniques highlighting the links between obesity and microbiota. **2017**, 106, 119-126		13
519	Roux-en-Y gastric bypass increases systemic but not portal bile acid concentrations by decreasing hepatic bile acid uptake in minipigs. **2017**, 41, 664-668		18
518	Sleeve gastrectomy drives persistent shifts in the gut microbiome. **2017**, 13, 916-924		32
517	Bile and sodium trafficking in the biliary limb after Roux-en-Y gastric bypass. **2017**, 161, 1461-1462		
516	Effects of the Dietary Protein and Carbohydrate Ratio on Gut Microbiomes in Dogs of Different Body Conditions. **2017**, 8,		75
515	Evidence for Neurocognitive Improvement After Bariatric Surgery: A Systematic Review. **2017**, 58, 217-227		31
514	Vertical sleeve gastrectomy reduces blood pressure and hypothalamic endoplasmic reticulum stress in mice. **2017**, 10, 235-243		22
513	What Bariatric Surgery Can Teach Us About Endoluminal Treatment of Obesity and Metabolic Disorders. **2017**, 27, 213-231		10
512	NorUrsodeoxycholic acid ameliorates cholemic nephropathy in bile duct ligated mice. **2017**, 67, 110-119		30

511	Impact of Bariatric Surgery on Metabolic and Gut Microbiota Profile: a Systematic Review and Meta-analysis. *Obesity Surgery*, **2017**, 27, 1345-1357	3.7	92
510	The gut microbiome as a target for prevention and treatment of hyperglycaemia in type 2 diabetes: from current human evidence to future possibilities. *Diabetologia*, **2017**, 60, 943-951	10.3	189
509	Using genetics to inform new therapeutics for diabetes. **2017**, 12, 159-169		
508	Role of gut microbiota in atherosclerosis. **2017**, 14, 79-87		264
507	The Physiology and Molecular Underpinnings of the Effects of Bariatric Surgery on Obesity and Diabetes. **2017**, 79, 313-334		56
506	Understanding the Holobiont: How Microbial Metabolites Affect Human Health and Shape the Immune System. *Cell Metabolism*, **2017**, 26, 110-130	24.6	370
505	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. **2017**, 23, 859-868		627
504	The Role of PYY in Pancreatic Islet Physiology and Surgical Control of Diabetes. **2017**, 28, 626-636		23
503	Diabetes-associated microbiota in fa/fa rats is modified by Roux-en-Y gastric bypass. **2017**, 11, 2035-2046		37
502	Weight-loss interventions and gut microbiota changes in overweight and obese patients: a systematic review. **2017**, 18, 832-851		110
501	Regulation of Energy Homeostasis After Gastric Bypass Surgery. **2017**, 19, 459-484		5
500	Surgically Induced Changes in Gut Microbiome and Hedonic Eating as Related to Weight Loss: Preliminary Findings in Obese Women Undergoing Bariatric Surgery. **2017**, 79, 880-887		85
499	Metformin alters the gut microbiome of individuals with treatment-naive type 2 diabetes, contributing to the therapeutic effects of the drug. **2017**, 23, 850-858		732
498	Distinctive microbiomes and metabolites linked with weight loss after gastric bypass, but not gastric banding. **2017**, 11, 2047-2058		79
497	The Gut Microbiota as a Mediator of Metabolic Benefits after Bariatric Surgery. **2017**, 41, 439-447		49
496	Influence of nutrition therapy on the intestinal microbiome. **2017**, 20, 131-137		23
495	Elevated trimethylamine--oxide (TMAO) is associated with poor prognosis in primary sclerosing cholangitis patients with normal liver function. **2017**, 5, 532-541		13
494	Cyp3a11 is not essential for the formation of murine bile acids. **2017**, 10, 70-75		10

493	Weight loss independent changes in adipose tissue macrophage and T cell populations after sleeve gastrectomy in mice. *Molecular Metabolism*, **2017**, 6, 317-326	8.8	19
492	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. **2017**, 147, 727-745		179
491	Gut Microbiota in Cardiovascular Health and Disease. **2017**, 120, 1183-1196		678
490	Metabolic preconditioning protects BSEP/ABCB11 mice against cholestatic liver injury. **2017**, 66, 95-101		37
489	Duodenal endoluminal barrier sleeve alters gut microbiota of ZDF rats. **2017**, 41, 381-389		13
488	B cells present skewed profile and lose the function of supporting T cell inflammation after Roux-en-Y gastric bypass. **2017**, 43, 16-22		7
487	The role of nutrient sensing in the metabolic changes after gastric bypass surgery. **2017**, 232, 363-376		9
486	Roles of the gut in the metabolic syndrome: an overview. **2017**, 281, 319-336		66
485	Metabolic Surgery in the Treatment Algorithm for Type 2 Diabetes: a Joint Statement by International Diabetes Organizations. *Obesity Surgery*, **2017**, 27, 2-21	3.7	89
484	Induction of farnesoid X receptor signaling in germ-free mice colonized with a human microbiota. **2017**, 58, 412-419		41
483	Enteroendocrine Cells: Metabolic Relays between Microbes and Their Host. **2017**, 32, 139-164		21
482	Host-microbiota interaction induces bi-phasic inflammation and glucose intolerance in mice. *Molecular Metabolism*, **2017**, 6, 1371-1380	8.8	22
481	Fatty Acid Metabolic Remodeling During Type 2 Diabetes Remission After Bariatric Surgery. **2017**, 66, 2743-2755		20
480	Surgical Approaches in the Treatment of Obesity. **2017**, 1-28		
479	Intestinal adaptations following bariatric surgery: towards the identification of new pharmacological targets for obesity-related metabolic diseases. **2017**, 37, 29-34		4
478	Neuroendocrine mechanisms underlying bariatric surgery: Insights from human studies and animal models. **2017**, 29, e12534		19
477	A new proposed mechanism of action for gastric bypass surgery: Air hypothesis. **2017**, 107, 81-89		17
476	Innovation in microbiome-based strategies for promoting metabolic health. **2017**, 20, 484-491		24

475	Metabolic programming of the epigenome: host and gut microbial metabolite interactions with host chromatin. **2017**, 189, 30-50		19
474	Lifestyle alters GUT-bacteria function: Linking immune response and host. **2017**, 31, 625-635		9
473	Approaches to obesity management. **2017**, 47, 734-739		12
472	Strategies to increase the efficacy of using gut microbiota for the modulation of obesity. **2017**, 18, 1260-1271		21
471	[Involvement of gut bacteria in appetite control]. **2017**, 211, 29-37		
470	Eggs early in complementary feeding increase choline pathway biomarkers and DHA: a randomized controlled trial in Ecuador. **2017**, 106, 1482-1489		36
469	Gut microbiota and acute coronary syndromes: ready for use in the emergency room?. **2017**, 38, 825-827		15
468	Impairment of body mass reduction-associated activation of brown/beige adipose tissue in patients with type 2 diabetes mellitus. **2017**, 41, 1662-1668		12
467	Increased Trimethylamine-N-Oxide (TMAO) Levels After Roux-en Y Gastric Bypass Surgery-Should We Worry About It?. *Obesity Surgery*, **2017**, 27, 2170-2173	3.7	4
466	Eating Disorders and the Intestinal Microbiota: Mechanisms of Energy Homeostasis and Behavioral Influence. **2017**, 19, 51		35
465	Pediatric Nonalcoholic Fatty Liver Disease: the Rise of a Lethal Disease Among Mexican American Hispanic Children. *Obesity Surgery*, **2017**, 27, 236-244	3.7	14
464	Gut microbiota after Roux-en-Y gastric bypass and sleeve gastrectomy in a diabetic rat model: Increased diversity and associations of discriminant genera with metabolic changes. **2017**, 33, e2857		41
463	Physiological and molecular responses to bariatric surgery: markers or mechanisms underlying T2DM resolution?. **2017**, 1391, 5-19		14
462	Differential Changes in Gut Microbiota After Gastric Bypass and Sleeve Gastrectomy Bariatric Surgery Vary According to Diabetes Remission. *Obesity Surgery*, **2017**, 27, 917-925	3.7	148
461	Role of the gut microbiota in host appetite control: bacterial growth to animal feeding behaviour. **2017**, 13, 11-25		190
460	Gut Microbiota in Obesity and Metabolic Abnormalities: A Matter of Composition or Functionality?. **2017**, 48, 735-753		37
459	The Microbiome in Primary Sclerosing Cholangitis: Current Evidence and Potential Concepts. **2017**, 37, 314-331		35
458	Sleeve Gastrectomy. **2017**, 295-303		

457	Dietary Fiber, Soluble and Insoluble, Carbohydrates, Fructose, and Lipids. **2017**, 187-200		2
456	Modulation of Gut Microbiota of Overweight Mice by Agavins and Their Association with Body Weight Loss. *Nutrients*, **2017**, 9,	6.7	38
455	Taxonomic and Metagenomic Alterations of Microbiota in Bariatric Surgery. **2017**, 259-265		
454	Editorial: Impacts and Regulation of Dietary Nutrients on Gut Microbiome and Immunity. **2017**, 24, 380-381		15
453	The Neurobiological Impact of Ghrelin Suppression after Oesophagectomy. *International Journal of Molecular Sciences*, **2016**, 18,	6.3	1
452	Bariatric Surgery and Precision Nutrition. *Nutrients*, **2017**, 9,	6.7	27
451	Historical Overview. **2017**, 1-19		1
450	Assembling metagenomes, one community at a time. **2017**, 18, 521		58
449	Bariatric Surgery: A Perspective for Primary Care. **2017**, 30, 265-276		9
448	Impact of Roux-En-Y Gastric Bypass Surgery on Neurohormonal and Gastrointestinal Physiology: Insights for Future Weight Loss Efforts. **2017**, 07,		
447	Effect on the Host Metabolism. **2017**, 249-253		0
446	The Influence of Microbiota on Mechanisms of Bariatric Surgery. **2017**, 267-281		1
445	Decision making, quality of life and prophylactic gastrectomy in carriers of pathogenic mutations. **2017**, 2, 21		2
444	Lactobacillus gasseri in the Upper Small Intestine Impacts an ACSL3-Dependent Fatty Acid-Sensing Pathway Regulating Whole-Body Glucose Homeostasis. *Cell Metabolism*, **2018**, 27, 572-587.e6	24.6	33
443	The Impact of Laparoscopic Sleeve Gastrectomy with Duodenojejunal Bypass on Intestinal Microbiota Differs from that of Laparoscopic Sleeve Gastrectomy in Japanese Patients with Obesity. **2018**, 38, 545-552		12
442	The Human Gut Microbiome: From Association to Modulation. **2018**, 172, 1198-1215		344
441	Bariatric surgery is associated with increased risk of new-onset inflammatory bowel disease: case series and national database study. **2018**, 47, 1126-1134		13
440	The Role of Human Gut Microbiota in Obesity. **2018**, 71-76		

439	The Genetic and Microbial Influences in Obesity. **2018**, 275-284		
438	Plasma bile acid changes in type 2 diabetes correlated with insulin secretion in two-step hyperglycemic clamp. **2018**, 10, 874-885		11
437	Gut microbiota and obesity. **2018**, 20, 60-64		50
436	Current State of Knowledge on Implications of Gut Microbiome for Surgical Conditions. **2018**, 22, 1112-1123		7
435	Colesevelam attenuates cholestatic liver and bile duct injury in mice by modulating composition, signalling and excretion of faecal bile acids. *Gut*, **2018**, 67, 1683-1691	19.2	35
434	Intestinal and Gastric Origins for Diabetes Resolution After Bariatric Surgery. **2018**, 7, 139-146		8
433	The Brain-Gut-Microbiome Axis. **2018**, 6, 133-148		409
432	The family Coriobacteriaceae is a potential contributor to the beneficial effects of Roux-en-Y gastric bypass on type 2 diabetes. **2018**, 14, 584-593		39
431	Proceedings of the 2017 ASPEN Research Workshop-Gastric Bypass: Role of the Gut. **2018**, 42, 279-295		9
430	Aberrant intestinal microbiota in individuals with prediabetes. *Diabetologia*, **2018**, 61, 810-820	10.3	163
429	Altered Microbiota and Their Metabolism in Host Metabolic Diseases. **2018**, 129-165		1
428	Evaluating Causality of Gut Microbiota in Obesity and Diabetes in Humans. **2018**, 39, 133-153		132
427	How does 'metabolic surgery' work its magic? New evidence for gut microbiota. **2018**, 25, 81-86		7
426	Obesity and Pancreatic Cancer: Overview of Epidemiology and Potential Prevention by Weight Loss. **2018**, 47, 158-162		46
425	Letter to the Editor: Influence of Intestinal Microbiota on Body Weight Gain: a Narrative Review of the Literature. *Obesity Surgery*, **2018**, 28, 1136-1137	3.7	
424	Microbiota in obesity: interactions with enteroendocrine, immune and central nervous systems. **2018**, 19, 435-451		60
423	Adaptation of human gut microbiota to bariatric surgeries in morbidly obese patients: A systematic review. **2018**, 116, 13-21		38
422	Studying microbial functionality within the gut ecosystem by systems biology. **2018**, 13, 5		25

421	Pilot study with IBAT inhibitor A4250 for the treatment of cholestatic pruritus in primary biliary cholangitis. *Scientific Reports*, **2018**, 8, 6658	4.9	37
420	Chronic exposure to low concentrations of lead induces metabolic disorder and dysbiosis of the gut microbiota in mice. **2018**, 631-632, 439-448		83
419	Role of gut microbiota, bile acids and their cross-talk in the effects of bariatric surgery on obesity and type 2 diabetes. **2018**, 9, 13-20		65
418	Gut microbiota and obesity: Concepts relevant to clinical care. **2018**, 48, 18-24		65
417	Antibiotics, gut microbiome and obesity. **2018**, 88, 185-200		46
416	Probiotics administration following sleeve gastrectomy surgery: a randomized double-blind trial. **2018**, 42, 147-155		40
415	Reduced obesity, diabetes, and steatosis upon cinnamon and grape pomace are associated with changes in gut microbiota and markers of gut barrier. **2018**, 314, E334-E352		85
414	Women and Their Microbes: The Unexpected Friendship. **2018**, 26, 16-32		96
413	Modulation of the gut microbiome: a systematic review of the effect of bariatric surgery. **2018**, 178, 43-56		102
412	Role of Bile Acids in Metabolic Control. **2018**, 29, 31-41		178
411	Metabolic Effects of Bariatric Surgery. **2018**, 64, 72-81		16
410	Resting energy expenditure after Roux-en Y gastric bypass surgery. **2018**, 14, 191-199		12
409	Deactivation of the NLRP3 inflammasome in infiltrating macrophages by duodenal-jejunal bypass surgery mediates improvement of beta cell function in type 2 diabetes. **2018**, 81, 1-12		17
408	Exposure to the fungicide propamocarb causes gut microbiota dysbiosis and metabolic disorder in mice. **2018**, 237, 775-783		58
407	Regulation of Microbiota by Vitamin D Receptor: A Nuclear Weapon in Metabolic Diseases. **2018**, 5,		26
406	Roux-en-Y Gastric Bypass Surgery Induces Distinct but Frequently Transient Effects on Acylcarnitine, Bile Acid and Phospholipid Levels. *Metabolites*, **2018**, 8,	5.6	9
405	Qualitative and Quantitative DNA- and RNA-Based Analysis of the Bacterial Stomach Microbiota in Humans, Mice, and Gerbils. **2018**, 3,		9
404	The long term effect of metabolic profile and microbiota status in early gastric cancer patients after subtotal gastrectomy. **2018**, 13, e0206930		12

403	Is It Time to Use Probiotics to Prevent or Treat Obesity?. *Nutrients*, **2018**, 10,	6.7	55
402	Surgical treatment of obesity. **2018**, 7,		12
401	New microbe genomic variants in patients fecal community following surgical disruption of the upper human gastrointestinal tract. **2018**, 10, 37-42		7
400	POSTOPERATIVE CHANGES IN INTESTINAL MICROBIOTA AND USE OF PROBIOTICS IN ROUX-EN-Y GASTRIC BYPASS AND SLEEVE VERTICAL GASTRECTOMY: AN INTEGRATIVE REVIEW. **2018**, 31, e1400		19
399	Weight-Independent Mechanisms of Glucose Control After Roux-en-Y Gastric Bypass. **2018**, 9, 530		24
398	Non-pharmacological Treatment Options in the Management of Diabetes Mellitus. **2018**, 14, 31-39		31
397	Impact of bariatric surgery on cardiovascular and renal complications of diabetes: a focus on clinical outcomes and putative mechanisms. **2018**, 13, 251-262		25
396	Metabolic Surgery, Reality or Myth: Scientific Side of Obesity Pathophysiology and Management. **2018**, 403-414		
395	Is gut microbiota a relevant and competitive dietary target for cardio-metabolic health? Proceedings of an expert workshop. **2018**, 81, 146-154		2
394	Microbial Transplantation With Human Gut Commensals Containing CutC Is Sufficient to Transmit Enhanced Platelet Reactivity and Thrombosis Potential. **2018**, 123, 1164-1176		68
393	Gut adaptation after metabolic surgery and its influences on the brain, liver and cancer. **2018**, 15, 606-624		43
392	Therapeutic Manipulation of Gut Microbiota. **2018**, 133-158		
391	Gut Microbiota Composition in Mid-Pregnancy Is Associated with Gestational Weight Gain but Not Prepregnancy Body Mass Index. **2018**, 27, 1293-1301		13
390	Evidence-Based Approach in Translational Dental Research. **2018**, 81-101		4
389	The Gut Microbiome Profile in Obesity: A Systematic Review. **2018**, 2018, 4095789		254
388	Time course metabolome of Roux-en-Y gastric bypass confirms correlation between leptin, body weight and the microbiome. **2018**, 13, e0198156		9
387	Microbiome and Diseases: Metabolic Disorders. **2018**, 251-277		
386	Food Intake and Eating Behavior After Bariatric Surgery. **2018**, 98, 1113-1141		72

385	Curing Diabetes Through Bariatric Surgery: Evolution of Our Understanding. **2018**, 6, 1		1
384	RETRACTED: Linking gut microbiota to aging process: a new target for anti-aging. **2018**, 7, 111-119		7
383	Roux-en-Y gastric bypass surgery alters serum metabolites and fatty acids in patients with morbid obesity. **2018**, 34, e3045		30
382	The Impact of Bariatric Surgery on Short Term Risk of Clostridium Difficile Admissions. *Obesity Surgery*, **2018**, 28, 2006-2013	3.7	4
381	Implication of gut microbiota metabolites in cardiovascular and metabolic diseases. **2018**, 75, 3977-3990		84
380	Impact of Gut Microbiota and Diet on the Development of Atherosclerosis in Apoe Mice. **2018**, 38, 2318-2326		79
379	Metabolic Surgery for the Treatment of Diabetes Mellitus Positioning of Leading Medical Associations in Mexico. *Obesity Surgery*, **2018**, 28, 3474-3483	3.7	3
378	Translational Oral Health Research. **2018**,		2
377	Major microbiota dysbiosis in severe obesity: fate after bariatric surgery. *Gut*, **2019**, 68, 70-82	19.2	197
376	The gut microbiome in obesity. **2019**, 118 Suppl 1, S3-S9		93
375	Mechanisms underlying the weight loss effects of RYGB and SG: similar, yet different. **2019**, 42, 117-128		86
374	Changes of serum lipopolysaccharide, inflammatory factors, and cecal microbiota in obese rats with type 2 diabetes induced by Roux-en-Y gastric bypass. **2019**, 67-68, 110565		5
373	Longitudinal changes of microbiome composition and microbial metabolomics after surgical weight loss in individuals with obesity. **2019**, 15, 1367-1373		36
372	The Role of the Small Bowel in Unintentional Weight Loss after Treatment of Upper Gastrointestinal Cancers. **2019**, 8,		1
371	Anti-incretin effect: The other face of Janus in human glucose homeostasis. **2019**, 20, 1597-1607		1
370	Roux-Y Gastric Bypass and Sleeve Gastrectomy directly change gut microbiota composition independent of surgery type. *Scientific Reports*, **2019**, 9, 10979	4.9	35
369	Changes in Gut Microbiome after Bariatric Surgery Versus Medical Weight Loss in a Pilot Randomized Trial. *Obesity Surgery*, **2019**, 29, 3239-3245	3.7	24
368	Fecal Microbiota Transplantation: a Future Therapeutic Option for Obesity/Diabetes?. **2019**, 19, 51		39

367	Elevated serum ceramides are linked with obesity-associated gut dysbiosis and impaired glucose metabolism. **2019**, 15, 140		9
366	Mechanisms Underlying Type 2 Diabetes Remission After Metabolic Surgery. **2019**, 10, 641		25
365	Dietary lipids, gut microbiota and lipid metabolism. **2019**, 20, 461-472		189
364	Cross-Regional View of Functional and Taxonomic Microbiota Composition in Obesity and Post-obesity Treatment Shows Country Specific Microbial Contribution. *Frontiers in Microbiology*, **2019**, 10, 2346	5.7	11
363	The Microbiota-Gut-Brain Axis. **2019**, 99, 1877-2013		979
362	Obesity-related cognitive impairment: The role of endothelial dysfunction. **2019**, 132, 104580		36
361	Diet-microbiota interactions and personalized nutrition. **2019**, 17, 742-753		274
360	Metabolic and Endocrine Consequences of Bariatric Surgery. **2019**, 10, 626		25
359	Discrepant gut microbiota markers for the classification of obesity-related metabolic abnormalities. *Scientific Reports*, **2019**, 9, 13424	4.9	99
358	Gut microbiota adaptation after weight loss by Roux-en-Y gastric bypass or sleeve gastrectomy bariatric surgeries. **2019**, 15, 1888-1895		35
357	Biliopancreatic Diversion Induces Greater Metabolic Improvement Than Roux-en-Y Gastric Bypass. *Cell Metabolism*, **2019**, 30, 855-864.e3	24.6	15
356	The pros and cons of gastric bypass surgery - The role of the Roux-limb. **2019**, 40-41, 101638		2
355	TGR5 Protects Against Colitis in Mice, but Vertical Sleeve Gastrectomy Increases Colitis Severity. *Obesity Surgery*, **2019**, 29, 1593-1601	3.7	4
354	Comparative Evaluation of Microbiota Engraftment Following Fecal Microbiota Transfer in Mice Models: Age, Kinetic and Microbial Status Matter. *Frontiers in Microbiology*, **2018**, 9, 3289	5.7	47
353	The Impact of Starvation on the Microbiome and Gut-Brain Interaction in Anorexia Nervosa. **2019**, 10, 41		19
352	Roux-en-Y gastric bypass decreases endotoxemia and inflammatory stress in association with improvements in gut permeability in obese diabetic rats. **2019**, 11, 786-793		13
351	Fecal Microbial Transplantation and Its Potential Application in Cardiometabolic Syndrome. **2019**, 10, 1341		35
350	Bile acid changes after metabolic surgery are linked to improvement in insulin sensitivity. **2019**, 106, 1178-1186		16

349	Obeticholic acid may increase the risk of gallstone formation in susceptible patients. **2019**, 71, 986-991		28
348	Understanding the Role of the Gut Microbiome and Microbial Metabolites in Obesity and Obesity-Associated Metabolic Disorders: Current Evidence and Perspectives. **2019**, 8, 317-332		116
347	Alterations of Gut Microbiota After Biliopancreatic Diversion with Duodenal Switch in Wistar Rats. *Obesity Surgery*, **2019**, 29, 2831-2842	3.7	8
346	Comment on: Altered gut microbiome after bariatric surgery and its association with metabolic benefits: a systematic review. **2019**, 15, e18-e19		
345	Targeting Bile Acid-Activated Receptors in Bariatric Surgery. **2019**, 256, 359-378		2
344	Gut Microbiota Dysbiosis in Human Obesity: Impact of Bariatric Surgery. **2019**, 8, 229-242		38
343	Effects of Weight-Loss Interventions on Short-Chain Fatty Acid Concentrations in Blood and Feces of Adults: A Systematic Review. **2019**, 10, 673-684		18
342	Role of Bile Acids in Bariatric Surgery. **2019**, 10, 374		30
341	Impact of bariatric surgery on type 2 diabetes: contribution of inflammation and gut microbiome?. **2019**, 41, 461-475		23
340	Dynamic Adaptive Changes of the Ileum Transposed to the Proximal Small Intestine in Rats. *Obesity Surgery*, **2019**, 29, 2399-2408	3.7	5
339	From NASH to HCC: current concepts and future challenges. **2019**, 16, 411-428		425
338	Impact of Laparoscopic Sleeve Gastrectomy on Gut Permeability in Morbidly Obese Subjects. *Obesity Surgery*, **2019**, 29, 2132-2143	3.7	10
337	Microbial Population Changes and Their Relationship with Human Health and Disease. **2019**, 7,		30
336	Differential composition of gut microbiota among healthy volunteers, morbidly obese patients and post-bariatric surgery patients. **2019**, 17, 2268-2278		14
335	Nonalcoholic fatty liver disease and the gut microbiome: Are bacteria responsible for fatty liver?. **2019**, 244, 408-418		9
334	Obesity, Motility, Diet, and Intestinal Microbiota-Connecting the Dots. **2019**, 21, 15		16
333	Influence of obesity on surgical complications of patients with ovarian tumors. **2019**, 17, 4590-4594		1
332	Plasma FGF-19 Levels are Increased in Patients with Post-Bariatric Hypoglycemia. *Obesity Surgery*, **2019**, 29, 2092-2099	3.7	17

331	Neuro-hormonal mechanisms underlying changes in reward related behaviors following weight loss surgery: Potential pharmacological targets. **2019**, 164, 106-114		15
330	The Importance of the Microbiome in Bariatric Surgery: a Systematic Review. *Obesity Surgery*, **2019**, 29, 2338-2349	3.7	20
329	PET-CT reveals increased intestinal glucose uptake after gastric surgery. **2019**, 15, 643-649		6
328	Short-Term Outcomes of Inflammatory Bowel Disease after Roux-en-Y Gastric Bypass vs Sleeve Gastrectomy. **2019**, 228, 893-901.e1		12
327	Altered gut microbiome after bariatric surgery and its association with metabolic benefits: A systematic review. **2019**, 15, 656-665		38
326	Metabolic improvement in obese patients after duodenal-jejunal exclusion is associated with intestinal microbiota composition changes. **2019**, 43, 2509-2517		8
325	The Cross Talk Between Bile Acids and Intestinal Microbiota. **2019**, 139-145		
324	The Microbiome and Metabolome in Metabolic Syndrome. **2019**, 215-225		
323	The Gut Microbiome After Bariatric Surgery. **2019**, 235-242		1
322	Metformin: A Candidate Drug to Control the Epidemic of Diabetes and Obesity by Way of Gut Microbiome Modification. **2019**, 401-408		2
321	Clostridium difficile and Laparoscopic Bariatric Surgery: an Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program Database. *Obesity Surgery*, **2019**, 29, 1881-1888	3.7	3
320	Changes in Gut Microbiota and Hormones After Bariatric Surgery: a Bench-to-Bedside Review. *Obesity Surgery*, **2019**, 29, 1663-1674	3.7	20
319	Peri-operative, intravenous clindamycin may improve the resolution rate of hypertension after Roux-en-Y gastric bypass in morbidly obese patients. **2019**, 33, 3984-3989		4
318	Role of Gut Microbiota in Type 2 Diabetes Mellitus and Its Complications: Novel Insights and Potential Intervention Strategies. **2019**, 74, 314-320		22
317	Gut Microbiome and Modulation of CNS Function. **2019**, 10, 57-72		17
316	A place for vitamin supplementation and functional food in bariatric surgery?. **2019**, 22, 442-448		2
315	The Microbiome and Eating Disorders. **2019**, 42, 93-103		43
314	The Role of the Gut Microbiota in Sustained Weight Loss Following Roux-en-Y Gastric Bypass Surgery. *Obesity Surgery*, **2019**, 29, 1259-1267	3.7	26

313	The Gut-Brain Axis and the Microbiome: Mechanisms and Clinical Implications. **2019**, 17, 322-332		133
312	Influence of Early Life, Diet, and the Environment on the Microbiome. **2019**, 17, 231-242		70
311	Impact of Gut Microbiota on Host Glycemic Control. **2019**, 10, 29		62
310	The Gut?Brain Axis in the Neuropsychological Disease Model of Obesity: A Classical Movie Revised by the Emerging Director "Microbiome". *Nutrients*, **2019**, 11,	6.7	30
309	The gut microbiome in anorexia nervosa: relevance for nutritional rehabilitation. **2019**, 236, 1545-1558		29
308	Surgical Approaches in the Treatment of Obesity. **2019**, 373-399		
307	Microbiome and Inflammation in Eating Disorders. **2019**, 87-92		1
306	PYY plays a key role in the resolution of diabetes following bariatric surgery in humans. **2019**, 40, 67-76		33
305	The Mouse Microbiome Is Required for Sex-Specific Diurnal Rhythms of Gene Expression and Metabolism. *Cell Metabolism*, **2019**, 29, 362-382.e8	24.6	109
304	Gut Microbiota Imbalance Can Be Associated with Non-malabsorptive Small Bowel Shortening Regardless of Blind Loop. *Obesity Surgery*, **2019**, 29, 369-375	3.7	3
303	Antibiotic-induced Disruption of Intestinal Microbiota Contributes to Failure of Vertical Sleeve Gastrectomy. **2019**, 269, 1092-1100		19
302	Gut microbiome and its role in obesity and insulin resistance. **2020**, 1461, 37-52		87
301	Donor metabolic characteristics drive effects of faecal microbiota transplantation on recipient insulin sensitivity, energy expenditure and intestinal transit time. *Gut*, **2020**, 69, 502-512	19.2	98
300	Impact of Bariatric Surgery on the Long-term Disease Course of Inflammatory Bowel Disease. **2020**, 26, 1089-1097		7
299	Changes in Gut Microbiota Composition after Bariatric Surgery: a New Balance to Decode. **2020**, 24, 1736-1746		23
298	The Long-term Impact of Roux-en-Y Gastric Bypass on Colorectal Polyp Formation and Relation to Weight Loss Outcomes. *Obesity Surgery*, **2020**, 30, 407-415	3.7	4
297	Strategies of Unloading the Failing Heart from Metabolic Stress. **2020**, 133, 290-296		6
296	Does Colectomy Improve Type 2 Diabetes?. *Obesity Surgery*, **2020**, 30, 2429-2433	3.7	

295	Infusion of donor feces affects the gut-brain axis in humans with metabolic syndrome. *Molecular Metabolism*, **2020**, 42, 101076	8.8	15
294	[Gut microbiome and anorexia nervosa : The relationship between microbiome and gut-brain interaction in the context of anorexia nervosa]. **2020**, 91, 1115-1121		1
293	Non-Alcoholic Fatty Liver Disease. **2020**,		1
292	SSAT State-of-the-Art Conference: Advancements in the Microbiome. **2021**, 25, 1885-1895		1
291	Maternal glucose homeostasis is impaired in mouse models of gestational cholestasis. *Scientific Reports*, **2020**, 10, 11523	4.9	5
290	Potential contribution of the gut microbiota to hypoglycemia after gastric bypass surgery. **2020**, 133, 1834-1843		4
289	Engineering the Gut Microbiome for Treatment of Obesity: A Review of Current Understanding and Progress. **2020**, 15, e2000013		7
288	Salivary microbiome composition changes after bariatric surgery. *Scientific Reports*, **2020**, 10, 20086	4.9	5
287	Peri-operative antibiotics acutely and significantly impact intestinal microbiota following bariatric surgery. *Scientific Reports*, **2020**, 10, 20340	4.9	3
286	Fecal metagenomics and metabolomics reveal gut microbial changes after bariatric surgery. **2020**, 16, 1772-1782		9
285	Roux-en-Y gastric bypass surgery changes fungal and bacterial microbiota in morbidly obese patients-A pilot study. **2020**, 15, e0236936		10
284	Gut Microbiota, Probiotics and Psychological States and Behaviors after Bariatric Surgery-A Systematic Review of Their Interrelation. *Nutrients*, **2020**, 12,	6.7	4
283	Gut Feelings: How Microbiota Might Impact the Development and Course of Anorexia Nervosa. *Nutrients*, **2020**, 12,	6.7	5
282	Endocannabinoid Receptor-1 and Sympathetic Nervous System Mediate the Beneficial Metabolic Effects of Gastric Bypass. **2020**, 33, 108270		14
281	Lactose after Roux-en-Y gastric bypass for morbid obesity, is it a problem?. **2020**, 55, 1398-1404		0
280	Rolle des Mikrobioms und der Darm-Gehirn-Interaktion bei Anorexia nervosa. **2020**, 39, 67-73		
279	Gut Microbiome and Its Impact on Health and Diseases. **2020**,		1
278	Disease, Drugs and Dysbiosis: Understanding Microbial Signatures in Metabolic Disease and Medical Interventions. **2020**, 8,		3

277	Effects of a Vegetarian Diet on Cardiometabolic Risk Factors, Gut Microbiota, and Plasma Metabolome in Subjects With Ischemic Heart Disease: A Randomized, Crossover Study. **2020**, 9, e016518		20
276	Impact of a Moderately Hypocaloric Mediterranean Diet on the Gut Microbiota Composition of Italian Obese Patients. *Nutrients*, **2020**, 12,	6.7	11
275	Effects of Diet versus Gastric Bypass on Metabolic Function in Diabetes. **2020**, 383, 721-732		80
274	A Subset of Roux-en-Y Gastric Bypass Bacterial Consortium Colonizes the Gut of Nonsurgical Rats without Inducing Host-Microbe Metabolic Changes. **2020**, 5,		1
273	Immunometabolism, Micronutrients, and Bariatric Surgery: The Use of Transcriptomics and Microbiota-Targeted Therapies. **2020**, 2020, 8862034		1
272	Association of dietary and gut microbiota-related metabolites with calcific aortic stenosis. **2021**, 76, 544-552		3
271	Simulating the Post-gastric Bypass Intestinal Microenvironment Uncovers a Barrier-Stabilizing Role for FXR. **2020**, 23, 101777		3
270	Gut Microbiota Composition and Metabolites as the new Determinants of Cardiovascular Pathology Development. **2020**, 16, 277-285		1
269	Impact of laparoscopic Roux-en-Y gastric bypass and sleeve gastrectomy on gut microbiota: a metagenomic comparative analysis. **2020**, 16, 852-862		17
268	Association between risk of preeclampsia and maternal plasma trimethylamine-N-oxide in second trimester and at the time of delivery. **2020**, 20, 302		2
267	Dietary Recommendations for Bariatric Patients to Prevent Kidney Stone Formation. *Nutrients*, **2020**, 12,	6.7	8
266	Metabolic Effects of Gastric Bypass Surgery: Is It All About Calories?. **2020**, 69, 2027-2035		11
265	Safety and Efficacy of Bariatric Surgery in Inflammatory Bowel Disease Patients: a Systematic Review and Meta-analysis. *Obesity Surgery*, **2020**, 30, 3872-3883	3.7	9
264	Reply to Alizadeh's letter to the editor on "Targeting bile acid metabolism in obesity reduction: A systematic review and meta-analysis". **2020**, 21, e13075		1
263	Dominant gut Prevotella copri in gastrectomised non-obese diabetic Goto-Kakizaki rats improves glucose homeostasis through enhanced FXR signalling. *Diabetologia*, **2020**, 63, 1223-1235	10.3	17
262	The fatty acid profile of adipose tissue as a predictor of the ponderal and inflammatory response in adult women six years after bariatric surgery. **2020**, 19, 45		1
261	Absence of Bsep/Abcb11 attenuates MCD diet-induced hepatic steatosis but aggravates inflammation in mice. **2020**, 40, 1366-1377		7
260	Two Bariatric Surgical Procedures Differentially Alter the Intestinal Microbiota in Obesity Patients. *Obesity Surgery*, **2020**, 30, 2345-2361	3.7	7

259	Temporospatial shifts in the human gut microbiome and metabolome after gastric bypass surgery. **2020**, 6, 12		24
258	Targeting bile acid metabolism in obesity reduction: A systematic review and meta-analysis. **2020**, 21, e13017		12
257	Leveraging the Gut to Treat Metabolic Disease. *Cell Metabolism*, **2020**, 31, 679-698	24.6	19
256	Changes in Faecal Short-Chain Fatty Acids after Weight-Loss Interventions in Subjects with Morbid Obesity. *Nutrients*, **2020**, 12,	6.7	13
255	The genus Sutterella is a potential contributor to glucose metabolism improvement after Roux-en-Y gastric bypass surgery in T2D. **2020**, 162, 108116		10
254	The Role of the Gut Microbiome in Energy Balance With a Focus on the Gut-Adipose Tissue Axis. **2020**, 11, 297		26
253	Ursodeoxycholic acid enriches intestinal bile salt hydrolase-expressing Bacteroidetes in cholestatic pregnancy. *Scientific Reports*, **2020**, 10, 3895	4.9	11
252	Obeticholic acid improves fetal bile acid profile in a mouse model of gestational hypercholanemia. **2020**, 319, G197-G211		1
251	Exploring Therapeutic Targets to Reverse or Prevent the Transition from Metabolically Healthy to Unhealthy Obesity. **2020**, 9,		8
250	Effects of Microecological Preparations on Obese Patients after Bariatric Surgery: A Systematic Review and Meta-Analysis. **2020**, 2020, 8724546		1
249	Gut microbiota differs a decade after bariatric surgery relative to a nonsurgical comparison group. **2020**, 16, 1304-1311		5
248	The glucose-lowering effects of □glucosidase inhibitor require a bile acid signal in mice. *Diabetologia*, **2020**, 63, 1002-1016	10.3	7
247	Longitudinal metabolic and gut bacterial profiling of pregnant women with previous bariatric surgery. *Gut*, **2020**, 69, 1452-1459	19.2	12
246	Gastric bypass surgery in a rat model alters the community structure and functional composition of the intestinal microbiota independently of weight loss. *Microbiome*, **2020**, 8, 13	16.6	18
245	The gut microbiota and its interactions with cardiovascular disease. **2020**, 13, 637-656		34
244	Le transfert de microbiote f□al´: quel potentiel th□apeutique dans le traitement des maladies m□aboliques?. **2020**, 34, 108-115		
243	PYY, a Therapeutic Option for Type 2 Diabetes?. **2020**, 13, 1179551419892985		8
242	Prebiotics metabolism by gut-isolated probiotics. **2020**, 57, 2786-2799		8

241	Bariatric Surgery in Obesity: Effects on Gut Microbiota and Micronutrient Status. *Nutrients*, **2020**, 12,	6.7	24
240	The Impact of Proximal Roux-en-Y Gastric Bypass Surgery on Acetaminophen Absorption and Metabolism. **2020**, 40, 191-203		2
239	From Entero-Endocrine Cell Biology to Surgical Interventional Therapies for Type 2 Diabetes. **2021**, 1307, 273-297		2
238	Impairment of bile acid metabolism by perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in human HepaRG hepatoma cells. **2020**, 94, 1673-1686		22
237	From Association to Causality: the Role of the Gut Microbiota and Its Functional Products on Host Metabolism. **2020**, 78, 584-596		71
236	Comparison of methodological approaches to human gut microbiota changes in response to metabolic and bariatric surgery: A systematic review. **2020**, 21, e13025		14
235	Microbial Adaptation Due to Gastric Bypass Surgery: The Nutritional Impact. *Nutrients*, **2020**, 12,	6.7	5
234	Sequence variant analysis reveals poor correlations in microbial taxonomic abundance between humans and mice after gnotobiotic transfer. **2020**, 14, 1809-1820		13
233	Gut microbiota and obesity: causally linked?. **2020**, 14, 401-403		11
232	A systems biology approach to understand gut microbiota and host metabolism in morbid obesity: design of the BARIA Longitudinal Cohort Study. **2021**, 289, 340-354		6
231	Metabolic effects of duodenojejunal bypass surgery in a rat model of type 1 diabetes. **2021**, 35, 3104-3114		1
230	The altered enteroendocrine reportoire following roux-en-Y-gastric bypass as an effector of weight loss and improved glycaemic control. **2021**, 156, 104807		13
229	The obesity treatment dilemma: Why dieting is both the answer and the problem? A mechanistic overview. **2021**, 47, 101192		11
228	Role of Gut Microbiome and Microbial Metabolites in Alleviating Insulin Resistance After Bariatric Surgery. *Obesity Surgery*, **2021**, 31, 327-336	3.7	5
227	Metabolism and Metabolic Disorders and the Microbiome: The Intestinal Microbiota Associated With Obesity, Lipid Metabolism, and Metabolic Health-Pathophysiology and Therapeutic Strategies. **2021**, 160, 573-599		31
226	GK-rats respond to gastric bypass surgery with improved glycemia despite unaffected insulin secretion and beta cell mass. **2021**, 136, 170445		1
225	Cross-sectional comparisons of gut microbiome and short-chain fatty acid levels among children with varied weight classifications. **2021**, 16, e12750		2
224	Metabolomic Analysis in Inflammatory Bowel Disease: A Systematic Review. **2021**, 15, 813-826		18

223	Gut microbiota alteration in adolescent anorexia nervosa does not normalize with short-term weight restoration. **2021**, 54, 969-980		12
222	Gastrointestinal manifestations after Roux-en-Y gastric bypass surgery in individuals with and without type 2 diabetes. **2021**, 17, 585-594		2
221	Gut Microbiota in Patients with Morbid Obesity Before and After Bariatric Surgery: a Ten-Year Review Study (2009-2019). *Obesity Surgery*, **2021**, 31, 317-326	3.7	6
220	Gut microbial metabolites as multi-kingdom intermediates. **2021**, 19, 77-94		155
219	Recent advances in the mechanisms underlying the beneficial effects of bariatric and metabolic surgery. **2021**, 17, 231-238		18
218	Gut Microbiota in Obesity and Bariatric Surgery: Where Do We Stand?. **2021**, 183-227		
217	Bariatric Procedures: Anatomical and Physiological Changes. **2021**, 41-67		
216	Pyrrolizidine Alkaloids Disturb Bile Acid Homeostasis in the Human Hepatoma Cell Line HepaRG. **2021**, 10,		2
215	Roux-en-Y gastric bypass surgery in Zucker rats induces bacterial and systemic metabolic changes independent of caloric restriction-induced weight loss. **2021**, 13, 1-20		9
214	Changes in Gut Microbiota Due to Gastrointestinal Surgery. **2021**, 139-139		
213	Pre and Post-Operative Alterations of the Gastrointestinal Microbiome Following Bariatric Surgery. **2021**, 13, e13057		0
212	Gut microbiota link dietary fiber intake and short-chain fatty acid metabolism with eating behaviour.		0
211	Differential Mitochondrial Gene Expression in Adipose Tissue Following Weight Loss Induced by Diet or Bariatric Surgery. **2021**, 106, 1312-1324		1
210	Differences in intestinal microbiota profiling after upper and lower gastrointestinal surgery. **2021**, 84, 354-360		0
209	The Gut/Lung Microbiome Axis in Obesity, Asthma, and Bariatric Surgery: A Literature Review. **2021** , 29, 636-644		9
208	Leaky Gut as a Potential Culprit for the Paradoxical Dysglycemic Response to Gastric Bypass-Associated Ileal Microbiota. *Metabolites*, **2021**, 11,	5.6	1
207	A microbial metabolite remodels the gut-liver axis following bariatric surgery. **2021**, 29, 408-424.e7		17
206	Significance of intestinal microbiota in implementing metabolic effects of bariatric surgery. **2021**, 10,		

205	Nutrients handling after bariatric surgery, the role of gastrointestinal adaptation. **2021**, 1		3
204	Gut Microbiome and Bariatric Surgery. **2021**, 83, 395-397		
203	Association of diabetes and microbiota: An update. **2021**, 28, 4446-4454		3
202	Mining Gut Microbiota From Bariatric Surgery for MAFLD. **2021**, 12, 612946		2
201	Pharmacologically induced weight loss is associated with distinct gut microbiome changes in obese rats.		
200	Gut Microbiome and Metabolites in Patients with NAFLD and after Bariatric Surgery: A Comprehensive Review. *Metabolites*, **2021**, 11,	5.6	3
199	Reversal of Functional Brain Activity Related to Gut Microbiome and Hormones After VSG Surgery in Patients With Obesity. **2021**, 106, e3619-e3633		2
198	Treating the Metabolic Syndrome by Fecal Transplantation-Current Status. **2021**, 10,		2
197	Gastrokine-1, an anti-amyloidogenic protein secreted by the stomach, regulates diet-induced obesity. *Scientific Reports*, **2021**, 11, 9477	4.9	1
196	The Food Contaminants Pyrrolizidine Alkaloids Disturb Bile Acid Homeostasis Structure-Dependently in the Human Hepatoma Cell Line HepaRG. **2021**, 10,		1
195	Emerging concepts in intestinal immune control of obesity-related metabolic disease. **2021**, 12, 2598		13
194	Gut microbiota changes after metabolic surgery in adult diabetic patients with mild obesity: a randomised controlled trial. **2021**, 13, 56		3
193	Microbial regulation of enteroendocrine cells.. **2021**, 2, 553-570		1
192	Adipose tissue and insulin resistance in obese. **2021**, 137, 111315		34
191	Gut Microbiota and Host Metabolism: From Proof of Concept to Therapeutic Intervention. **2021**, 9,		10
190	Roux-en-Y gastric bypass contributes to weight loss-independent improvement in hypothalamic inflammation and leptin sensitivity through gut-microglia-neuron-crosstalk. *Molecular Metabolism*, **2021**, 48, 101214	8.8	7
189	Vagotomy increases alcohol intake in female rats in diet dependent manner: Implications for increased alcohol use disorder after roux-en-y gastric bypass surgery. **2021**, 235, 113309		3
188	Anorexia and Fat Aversion Induced by Vertical Sleeve Gastrectomy Is Attenuated in Neurotensin Receptor 1-Deficient Mice. **2021**, 162,		2

187	Projection of Gut Microbiome Pre- and Post-Bariatric Surgery To Predict Surgery Outcome. **2021**, 6, e0136720		4
186	Long-Term Effects of Bariatric Surgery on Gut Microbiota Composition and Faecal Metabolome Related to Obesity Remission. *Nutrients*, **2021**, 13,	6.7	7
185	Shifts in gut microbiota and their metabolites induced by bariatric surgery. Impact of factors shaping gut microbiota on bariatric surgery outcomes. **2021**, 1		4
184	Roux-en-Y Gastric Bypass Improved Insulin Resistance via Alteration of the Human Gut Microbiome and Alleviation of Endotoxemia. **2021**, 2021, 5554991		1
183	Hypothalamic bile acid-TGR5 signaling protects from obesity. *Cell Metabolism*, **2021**, 33, 1483-1492.e10	24.6	22
182	A review on gut microbiota: a central factor in the pathophysiology of obesity. **2021**, 20, 65		8
181	Reduced stress-associated FKBP5 DNA methylation together with gut microbiota dysbiosis is linked with the progression of obese PCOS patients. **2021**, 7, 60		1
180	Insulin action at a molecular level - 100 years of progress. *Molecular Metabolism*, **2021**, 52, 101304	8.8	17
179	Developing a model for estimating the activity of colonic microbes after intestinal surgeries. **2021**, 16, e0253542		0
178	Potential gut-brain mechanisms behind adverse mental health outcomes of bariatric surgery. **2021**, 17, 549-559		6
177	Faecal biomarkers in type 1 diabetes´with and without´diabetic nephropathy. *Scientific Reports*, **2021**, 11, 15208	4.9	0
176	Molecular Aspects of Lifestyle and Environmental Effects in Patients With´Diabetes: JACC´Focus Seminar. **2021**, 78, 481-495		2
175	How Perturbated Metabolites in Diabetes Mellitus Affect the Pathogenesis of Hypertension?. **2021**, 12, 705588		0
174	Mechanisms of weight loss after obesity surgery. **2021**,		5
173	Spot-light on microbiota in obesity and cancer. **2021**, 45, 2291-2299		2
172	Medical and Surgical Obesity Treatments and Atherosclerosis: Mechanisms beyond Typical Risk Factors. **2021**, 23, 60		
171	Cholesterol efflux promoting function of high-density lipoproteins in calcific aortic valve stenosis. **2021**, 44, 18-18		0
170	Gut Microbiota in Adipose Tissue Dysfunction Induced Cardiovascular Disease: Role as a Metabolic Organ. **2021**, 12, 749125		2

169	Effects of obesity and weight-loss surgery shift the microbiome and impact alloimmune responses. **2021**, 26, 603-608		
168	Gut microbiota link dietary fiber intake and short-chain fatty acid metabolism with eating behavior. **2021**, 11, 500		4
167	Obesity and Hepatocellular Carcinoma: Epidemiology and Mechanisms. **2021**, 67-90		
166	Effects of Fecal Microbiome Transfer in Adolescents With Obesity: The Gut Bugs Randomized Controlled Trial. **2020**, 3, e2030415		22
165	The Gut and Type 2 Diabetes Mellitus. **2020**, 375-393		1
164	Prevalence, Consequences, Causes and Management of Obesity. **2020**, 3-22		1
163	Gut Microbial Predictors of Type 2 Diabetes Remission Following Bariatric Surgery. *Obesity Surgery*, **2020**, 30, 3536-3548	3.7	9
162	Comparing Weight Loss in Three Bariatric Procedures. **2017**, 217-224		1
161	Effects of Bariatric Surgery on Energy Homeostasis. **2017**, 41, 426-431		7
160	Small intestinal physiology relevant to bariatric and metabolic endoscopic therapies: Incretins, bile acid signaling, and gut microbiome. **2020**, 22, 109-119		3
159	Chapter 7:The Role of Intestinal Microbiota and Microbial Metabolites in the Development of Host Metabolic Syndrome. *Food Chemistry, Function and Analysis*, **2020**, 191-209	0.6	1
158	Metabolic networks of the human gut microbiota. **2020**, 166, 96-119		13
157	Assembling metagenomes, one community at a time.		2
156	Microbial control over host diet selection.		1
155	Roux-Y Gastric Bypass and Sleeve Gastrectomy directly change gut microbiota composition independent of operation type.		2
154	Laparoscopic Roux-en-Y gastric bypass profoundly changes gut microbiota compared to laparoscopic sleeve gastrectomy: a metagenomic comparative analysis.		1
153	Recent advances in metabolic and bariatric surgery. **2016**, 5,		24
152	The impact of Roux-en-Y gastric bypass surgery on normal metabolism in a porcine model. **2017**, 12, e0173137		10

151	The new views on the state of the gut microbiota in obesity and diabetes mellitus type 2. **2019**, 22, 253-262		2
150	Imaging of brain glucose uptake by PET in obesity and cognitive dysfunction: life-course perspective. **2019**, 8, R169-R183		6
149	Hepatocyte specific expression of an oncogenic variant of Ecatenin results in cholestatic liver disease. **2016**, 7, 86985-86998		10
148	Gut Microbiota, Obesity and Bariatric Surgery: Current Knowledge and Future Perspectives. **2019**, 25, 2038-2050		10
147	The Microbiota-Gut-Brain Axis in Neuropsychiatric Disorders: Pathophysiological Mechanisms and Novel Treatments. **2018**, 16, 559-573		79
146	Importance of Intestinal Environment and Cellular Plasticity of Islets in the Development of Postpancreatectomy Diabetes. **2021**, 44, 1002-1011		2
145	A duodenal sleeve bypass device added to intensive medical therapy for obesity with type 2 diabetes: a RCT. **2020**, 7, 1-130		2
144	Gut Microbiota Profile of Obese Diabetic Women Submitted to Roux-en-Y Gastric Bypass and Its Association with Food Intake and Postoperative Diabetes Remission. *Nutrients*, **2020**, 12,	6.7	27
143	Gut microbiota and diabetes: From correlation to causality and mechanism. **2020**, 11, 293-308		27
142	Distinct patterns in the gut microbiota after surgical or medical therapy in obese patients. **2017**, 5, e3443		54
141	ARE ENTEROTYPES IN OBESE MODIFIED BY BARIATRIC SURGERY, THE USE OF PROBIOTIC SUPPLEMENTS AND FOOD HABITS?. **2021**, 34, e1601		0
140	Can manipulation of gut microbiota really be transformed into an intervention strategy for cardiovascular disease management?. **2021**, 66, 897-916		0
139	[The Gut Microbiome and Its Clinical Implications in Anorexia Nervosa]. **2021**,		0
138	Novel Non-invasive Approaches to the Treatment of Obesity: From Pharmacotherapy to Gene Therapy. **2021**,		4
137	Early Microbe Contact in Defining Child Metabolic Health and Obesity Risk. **2016**, 369-389		
136	Chirurgische Therapie der Adipositas. **2017**, 31-45		
135	Metabolic and Hormonal Alterations Induced by Roux-en-Y Gastric Bypass.		
134	Role of surgical method in the treatment of type 2 diabetes mellitus associated with obesity. **2018**, 24, 41-45		1

133	Modulation de l'absorption intestinale postprandiale du glucose après Roux-en-Y Gastric Bypass chez le miniporc. **2018**, 202, 1883-1896		
132	Microbiome and Microbiota in Rheumatic Disease. **2019**, 11-19		
131	Dysbiose intestinale et maladies métaboliques. **2019**, 353-359		
130	Changes in Trimethylamine-N-oxide Levels in Obese Patients following Laparoscopic Roux-en-Y Gastric Bypass or Sleeve Gastrectomy in a Korean Obesity Surgical Treatment Study (KOBESS). **2021**, 10,		0
129	Short Communication: Obesity Intervention Resulting in Significant Changes in the Human Gut Viral Composition. **2021**, 11, 10039		1
128	Effect of Bariatric Surgery on Metabolic Diseases and Underlying Mechanisms. **2021**, 11,		3
127	Gut Microbiota and Risk for Atherosclerosis: Current Understanding of the Mechanisms. **2020**, 167-186		
126	Maag-, darm- en leverziekten. **2020**, 113-132		
125	Bariatric Surgery and NASH: A Feasible Option. **2020**, 329-342		
124	Mechanisms of Control of Type 2 Diabetes with Gastric Bypass. **2020**, 359-373		
123	Shifts in the Intestinal Microbiota After Gastric Bypass. **2020**, 395-402		
122	Bariatrische Operationen und Schwangerschaft. 1		
121	Comment on: Fecal metagenomics and metabolomics reveal gut microbial changes after bariatric surgery. **2020**, 16, 1782-1783		
120	Gut microbiota specific signatures are related to the successful rate of bariatric surgery. **2019**, 11, 942-952		18
119	Pediatric Fatty Liver Disease. **2019**, 116, 123-128		1
118	Efficacy and Mechanisms of Gastric Volume-Restriction Bariatric Devices. **2021**, 12, 761481		2
117	The global scientific publications on gut microbiota in type 2 diabetes; a bibliometric, Scientometric, and descriptive analysis. 1		0
116	Effects of Milkfat on the Gut Microbiome of Patients After Bariatric Surgery, a Pilot Study. *Obesity Surgery*, **2021**, 1	3.7	1

115	Obesity as a Major Health Hazard. **2021**, 3-21		
114	Novel Insight into the Mechanism of Metabolic Surgery Causing the Diversity in Glycemic Status in Type 2 Diabetes.. **2022**,		0
113	Changes in the gut microbiota of morbidly obese patients after laparoscopic sleeve gastrectomy. **2021**,		0
112	Interactions entre les traitements du diabète et le microbiote intestinal : état des connaissances et perspectives. **2022**, 16, 148-148		0
111	Metabolomics Analysis on Obesity-Related Obstructive Sleep Apnea After Weight Loss Management: A Preliminary Study.. **2021**, 12, 761547		0
110	Intestinal gluconeogenesis shapes gut microbiota, fecal and urine metabolome in mice with gastric bypass surgery.. *Scientific Reports*, **2022**, 12, 1415	4.9	1
109	The clinical outcomes, appetite and metabolic effects of sleeve gastrectomy and Roux-en-Y gastric bypass: A comparative review. **2022**, 22, 100315		0
108	Crosstalk between adipose tissue and the microbiota-gut-brain axis in metabolic diseases.. **2022**, 18, 1706-1723		1
107	Understanding the Role of the Gut Microbiome and Microbial Metabolites in Non-Alcoholic Fatty Liver Disease: Current Evidence and Perspectives.. **2021**, 12,		9
106	Relationships Among Gut Microbiota, Ischemic Stroke and Its Risk Factors: Based on Research Evidence. Volume 15, 2003-2023		
105	A review on the effect of gut microbiota on metabolic diseases.. **2022**, 204, 192		0
104	Changes in the Composition of Oral and Intestinal Microbiota After Sleeve Gastrectomy and Roux-En-Y Gastric Bypass and Their Impact on Outcomes of Bariatric Surgery.. *Obesity Surgery*, **2022**, 32, 1439	3.7	0
103	Role of bile acids and their receptors in gastrointestinal and hepatic pathophysiology.. **2022**,		5
102	Roux-en-Y gastric bypass and sleeve gastrectomy induce substantial and persistent changes in microbial communities and metabolic pathways.. **2022**, 14, 2050636		0
101	Neurohormonal Changes in the Gut-Brain Axis and Underlying Neuroendocrine Mechanisms following Bariatric Surgery.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1
100	Challenging the Hypothesis of de novo Biosynthesis of Bile Acids by Marine Bacteria. **2022**, 50, 102-109		1
99	Pharmacologically induced weight loss is associated with distinct gut microbiome changes in obese rats.. **2022**, 22, 91		1
98	The impact of the interplay of the intestinal microbiome and diet on the metabolomic and health outcomes of bariatric surgery.. **2022**, e13455		1

97	A new strategy of enteral nutrition intervention for ICU patients targeting intestinal flora.. **2021**, 100, e27763	0
96	Prebiotic to Improve Calcium Absorption in Postmenopausal Women After Gastric Bypass: A Randomized Controlled Trial. **2021**,	0
95	Predictive Role of Gut Microbiota in Weight Loss Achievement after Bariatric Surgery.. **2022**, 234, 861-871	2
94	The gut microbiome influences host diet selection behavior.. **2022**, 119, e2117537119	1
93	Exploring the Relationship between Bariatric Surgery and Inflammatory Bowel Disease: A Systematic Review.	
92	Changes in gut microbiota, metabolite SCFAs, and GPR43 expression in obese diabetic mice after sleeve gastrectomy.. **2022**,	0
91	The human gut microbiota contributes to type-2 diabetes non-resolution 5-years after Roux-en-Y gastric bypass.. **2022**, 14, 2050635	1
90	Image_1.jpg. **2019**,	
89	Image_2.jpg. **2019**,	
88	Image_3.jpg. **2019**,	
87	Image_4.jpg. **2019**,	
86	Image_5.jpg. **2019**,	
85	Image_1.pdf. **2019**,	
84	Image_2.pdf. **2019**,	
83	Image_3.pdf. **2019**,	
82	Image_4.pdf. **2019**,	
81	Image_5.pdf. **2019**,	
80	Table_1.xlsx. **2019**,	

79	Table_2.xlsx. **2019**,		
78	Table_3.xlsx. **2019**,		
77	Table_4.xlsx. **2019**,		
76	Table_5.xlsx. **2019**,		
75	Maag-, darm- en leverziekten. **2022**, 107-126		
74	HDHL-INTIMIC: A European Knowledge Platform on Food, Diet, Intestinal Microbiomics, and Human Health.. *Nutrients*, **2022**, 14,	6.7	0
73	Gut microbiota in bariatric surgery.. *Critical Reviews in Food Science and Nutrition*, **2022**, 1-16	11.5	0
72	Metabolic Profile and Metabolite Analyses in Extreme Weight Responders to Gastric Bypass Surgery. *Metabolites*, **2022**, 12, 417	5.6	0
71	Incorporating the Gut Microbiome in the Risk Assessment of Xenobiotics and Identifying Beneficial Components for One Health. *Frontiers in Microbiology*, **2022**, 13,	5.7	2
70	Gut microbiome: Linking together obesity, bariatric surgery and associated clinical outcomes under a single focus. *World Journal of Gastrointestinal Pathophysiology*, **2022**, 13, 59-72	3.2	
69	IgM-associated gut bacteria in obesity and type 2 diabetes in C57BL/6 mice and humans.. *Diabetologia*, **2022**,	10.3	0
68	Surgical Management for Diabetes Remission. **2022**, 217-231		
67	Involvement of Gut Microbial Metabolites Derived from Diet on Host Energy Homeostasis. *International Journal of Molecular Sciences*, **2022**, 23, 5562	6.3	1
66	Regulation of Body Weight: Lessons Learned from Bariatric Surgery. *Molecular Metabolism*, **2022**, 101517	8.8	1
65	Recent evidence in support of traditional chinese medicine to restore normal leptin function in simple obesity. *Heliyon*, **2022**, 8, e09482	3.6	
64	Effects of acute administration of trimethylamine N-oxide on endothelial function: a translational study. *Scientific Reports*, **2022**, 12,	4.9	1
63	Tetrahydroxylated bile acids improve cholestatic liver and bile duct injury in the Mdr2 -/- mouse model of sclerosing cholangitis via immunomodulatory effects. *Hepatology Communications*,	6	1
62	Functional changes of the gastric bypass microbiota reactivate thermogenic adipose tissue and systemic glucose control via intestinal FXR-TGR5 crosstalk in diet-induced obesity. *Microbiome*, **2022**, 10,	16.6	0

61	Role of the gut microbiome in diabetes and cardiovascular diseases including restoration and targeting approaches- A review. **2022**, 15,		1
60	The Gut Microbiota (Microbiome) in Cardiovascular Disease and Its Therapeutic Regulation. *Frontiers in Cellular and Infection Microbiology*, 12,	5.9	4
59	Colorectal Cancer Risk Is Impacted by Sex and Type of Surgery After Bariatric Surgery. *Obesity Surgery*,	3.7	2
58	Adjustable intragastric balloon leads to significant improvement in obesity-related lipidome and fecal microbiome profiles: a proof of concept study. *Clinical and Translational Gastroenterology*, **2022**, Publish Ahead of Print,	4.2	0
57	6-hydroxylated bile acids mediate TGR5 signalling to improve glucose metabolism upon dietary fiber supplementation in mice. *Gut*, gutjnl-2021-326541	19.2	1
56	CHAPTER 8. The Gut Microbiome and Metabolic Surgery. *Food Chemistry, Function and Analysis*, **2022**, 173-195	0.6	
55	A designer diet layout for astronauts using a microbiome mediated approach. *FEMS Microbiology Letters*,	2.9	0
54	Interaction between microbiota and immunity and its implication in colorectal cancer. 13,		0
53	De Novo Inflammatory Bowel Disease Following Bariatric Surgery: a Systematic Review and Meta-analysis.		0
52	Fecal Metabolome and Bacterial Composition in Severe Obesity: Impact of Diet and Bariatric Surgery. **2022**, 14,		2
51	Human gut microbiota after bariatric surgery alters intestinal morphology and glucose absorption in mice independently of obesity. gutjnl-2022-328185		0
50	Circadian rhythms and pancreas physiology: A review. 13,		1
49	Gut Microbiota Modulation as a Novel Therapeutic Strategy in Cardiometabolic Diseases. **2022**, 11, 2575		1
48	Approaches to discern if microbiome associations reflect causation in metabolic and immune disorders. **2022**, 14,		0
47	Intestinal Microbiome Modified by Bariatric Surgery Improves Insulin Sensitivity and Correlates with Increased Brown Fat Activity and Energy Expenditure.		0
46	Das Darm-Mikrobiom bei Anorexia nervosa. **2022**, 261-266		0
45	Local and systemic effects of microbiome-derived metabolites. **2022**, 23,		0
44	Gut microbiome and microbial metabolites in NAFLD and after bariatric surgery: Correlation and causality. 13,		0

43	Fat Fighting Microbes. **2022**, 293-308	0
42	Surgical Therapy of Obesity. **2022**, 35-50	0
41	Gut Microbiota and Chronic Kidney Disease. **2022**, 103-113	0
40	Dysbiosis and Gastrointestinal Surgery: Current Insights and Future Research. **2022**, 10, 2532	1
39	The role of the gut microbiota in health and cardiovascular diseases. **2022**, 3,	3
38	THE IMPACT OF BARIATRIC SURGERY ON COLORECTAL CANCER RISK. **2022**,	0
37	Sex differences in the association between the effect of bariatric surgery and cancer risk: A meta-analysis including 18 million individuals.	0
36	Glucose metabolism after bariatric surgery: implications for T2DM remission and hypoglycaemia.	1
35	Gut-liver axis: Pathophysiological concepts and clinical implications. **2022**, 34, 1700-1718	4
34	Physiology Reconfigured: How Does Bariatric Surgery Lead to Diabetes Remission?. **2022**,	0
33	Can we abandon foregut exclusion for an ideal and safe metabolic surgery?. 13,	0
32	Early metabolomic, lipid and lipoprotein changes in response to medical and surgical therapeutic approaches to obesity. **2022**, 155346	0
31	Mechanisms and Outcomes of Metabolic Surgery in Type 2 Diabetes. **2022**, 12, 1134	0
30	The role of bile acids and intestinal microbiota in metabolic transformations after gastric bypass surgery. **2022**, 25, 499-503	0
29	Role of bile acids in overweight and obese children and adolescents. 13,	0
28	Association between Fecal Microbiota, SCFA, Gut Integrity Markers and Depressive Symptoms in Patients Treated in the Past with Bariatric Surgery—The Cross-Sectional Study. **2022**, 14, 5372	0
27	Microbiota analysis for risk assessment of xenobiotics: toxicomicrobiomics, incorporating the gut microbiome in the risk assessment of xenobiotics and identifying beneficial components for One Health. **2022**, 20,	0
26	Upper gut heat shock proteins HSP70 and GRP78 promote insulin resistance, hyperglycemia, and non-alcoholic steatohepatitis. **2022**, 13,	0

25	The gut microbiota in obesity and weight management: microbes as friends or foe?.	1
24	Mining the mechanistic underpinnings of bariatric surgery: A gateway to novel and non-invasive obesity therapies?. **2022**, 101663	0
23	Obesity and Its Multiple Clinical Implications between Inflammatory States and Gut Microbiotic Alterations. **2023**, 11, 7	0
22	Effect of Azithromycin on Exacerbations in Asthma Patients with Obesity: Protocol for a Multi-Center, Prospective, Single-Arm Intervention Study. **2023**, 20, 1861	0
21	Fecal transplant. **2023**, 391-398	0
20	Plasma Short-Chain Fatty Acid Changes After Bariatric Surgery in Subjects with Severe Obesity. **2023**,	1
19	Avenir de la chirurgie bariatrique au-del□de la surcharge pond□ale´: la chirurgie m□abolique. **2023** , 160, S62-S69	0
18	Fecal microbiota transplantation from Suncus murinus, an obesity-resistant animal, to C57BL/6NCrSIc mice, and the antibiotic effects in the approach. 14,	0
17	Fecal transplant from myostatin deletion pigs positively impacts the gut-muscle axis. 12,	0
16	Trust the gut: Outcomes of gut microbiota transplant in metabolic and cognitive disorders. **2023**, 149, 105143	0
15	Exploration of fMRI brain responses to oral sucrose after Roux-en-Y gastric bypass in obese yucatan minipigs in relationship with microbiota and metabolomics profiles. **2023**, 42, 394-410	0
14	Microbial changes from bariatric surgery alters glucose-dependent insulinotropic polypeptide and prevents fatty liver disease. **2023**, 15,	0
13	Future of bariatric surgery beyond simple weight loss: Metabolic surgery. **2023**, 160, S55-S62	0
12	Gut microbiota modulation in patients with non-alcoholic fatty liver disease: Effects of current treatments and future strategies. 10,	1
11	Mechanisms linking bariatric surgery to adipose tissue, glucose metabolism, fatty liver disease and gut microbiota. **2023**, 408,	0
10	Red Meat Intake, Indole-3-Acetate, and Dorea longicatena Together Affect Insulin Resistance after Gastric Bypass. **2023**, 15, 1185	0
9	Unintentional Weight Loss and Malnutrition After Esophageal Cancer and Treatment. **2023**,	0
8	F□ale Mikrobiotatransplantationen im Zusammenhang mit (kinder- und jugend-)psychiatrischen Erkrankungen.	0

7	Microbiota as a factor influencing the change in taste preferences after bariatric surgery. **2023**, 16, 13-22	0
6	Implication of Obesity and Gut Microbiome Dysbiosis in the Etiology of Colorectal Cancer. **2023**, 15, 1913	0
5	The Crosstalk between Gut Microbiota and White Adipose Tissue Mitochondria in Obesity. **2023**, 15, 1723	0
4	Gut Microbiota Contribution to Weight-Independent Glycemic Improvements after Gastric Bypass Surgery.	0
3	Palmitoleic Acid on Top of HFD Ameliorates Insulin Resistance Independent of Diacylglycerols and Alters Gut Microbiota in C57BL/6J Mice. **2023**, 1-24	0
2	Pathophysiology of Bile Acid Regulation. **2023**, 85-93	0
1	Gut microbiome modified by bariatric surgery improves insulin sensitivity and correlates with increased brown fat activity and energy expenditure. **2023**, 4, 101051	0