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PART I: Biocrates

1. Cardiometabolic Diseases

1.1. Cardiology

2019

Garcia G, La Chao de Barca JM, Mirebeau-Prunier D, Reynier P, Furber A, Prunier F et al. (2019): Metabolomic Approach in STEMI-Patients Undergoing Left Ventricular Remodeling. *Int J Mol Sci*; 20(2). DOI: 10.3390/ijms20020289.

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Wittebans LBL, Lotta LA, Oliver-Williams C, Stewart ID, Surendran P, Karthikeyan S et al. (2019): Assessing the causal association of glycine with risk of cardio-metabolic diseases. *Nat Commun*; 10(1):1060. DOI: 10.1038/s41467-019-08936-1.

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1.3. Hepatology

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PART II: Metanomics Health

1. Cardiometabolic Diseases

1.1. Cardiology

2018

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1.2. Diabetology

2018

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2016

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2. Nutrition & Lifestyle

2017

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3. Oncology

2018

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4. Pharmacology & Toxicology

2019

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5. Others

5.1. Bioprocessing

2018

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Pusapati R, Settleman J. (2016): TORquing metabolic reprogramming in cancer cells. *Cell Cycle*; 15(18):2387–8. DOI: 10.1080/15384101.2016.1204850.

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Xiao Y, Kwong M, Daemen A, Belvin M, Liang X, Hatzivassiliou G et al. (2016): Metabolic Response to NAD Depletion across Cell Lines Is Highly Variable. *PLoS ONE*; 11(10):e0164166. DOI: 10.1371/journal.pone.0164166.

5.2. Epidemiology & Genetics

2017

Haufe S, Engeli S, Kaminski J, Witt H, Rein D, Kamlage B et al. (2017): Branched-chain amino acid catabolism rather than amino acids plasma concentrations is associated with diet-induced changes in insulin resistance in overweight to obese individuals. *Nutr Metab Cardiovasc Dis*; 27(10):858–64. DOI: 10.1016/j.numecd.2017.07.001.

2016

Carter TC, Rein D, Padberg I, Peter E, Rennefahrt U, David DE et al. (2016): Validation of a metabolite panel for early diagnosis of type 2 diabetes. *Metab Clin Exp*; 65(9):1399–408. DOI: 10.1016/j.metabol.2016.06.007.

5.3. Gastroenterology

2018

Seridi L, Leo GC, Dohm GL, Pories WJ, Lenhard J (2018): Time course metabolome of Roux-en-Y gastric bypass confirms correlation between leptin, body weight and the microbiome. *PLoS ONE*; 13(5):e0198156. DOI: 10.1371/journal.pone.0198156.

5.4. Methodology

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