



Key Publications

1. Bye A, et al. Circulating microRNAs predict future fatal myocardial infarction in healthy individuals - The HUNT study. 2016 J Mol Cell Cardiol.

2. Kaudewitz D, et al. Association of MicroRNAs and YRNAs with Platelet Function. 2016 Circ Res.

3. Mayr M, et al. MicroRNAs within the continuum of postgenomics biomarker discovery. 2013 Arterioscler Thromb Vasc Biol.

4. Willeit P, et al. Circulating microRNAs as novel biomarkers for platelet activation. 2013 Circ Res.

5. Zampetaki A, et al. Prospective study on circulating MicroRNAs and risk of myocardial infarction. 2012 J Am Coll Cardiol.

6. Zampetaki A, et al. Plasma microRNA profiling reveals loss of endothelial miR-126 and other microRNAs in type 2 diabetes. 2010 Circ Res.

7. Willeit P, et al. Circulating MicroRNA-122 Is Associated With The Risk of New-Onset Metabolic Syndrome And Type-2-Diabetes. 2016 Diabetes.

8. Sunderland N, et al. MicroRNA Biomarkers and Platelet Reactivity: The Clot Thickens. 2017 Circ. Res.

9. McManus D, et al. MicroRNA in platelet function and cardiovascular disease. 2015 Nat Rev Cardiol.

10. Scherrer N, et al. MicroRNA 150-5p improves risk classification for mortality within 90 days after acute ischemic stroke. Journal of Stroke 2017; 19(3):323–332.

11. Zampetaki A, et al. Angiogenic microRNAs Linked to Incidence and Progression of Diabetic Retinopathy in Type 1 Diabetes. 2016 Diabetes; 65(1): 216-227.

12. Dai GH, et al. MicroRNA-223-3p Inhibits the Angiogenesis of Ischemic Cardiac Microvascular Endothelial Cells via Affecting RPS6KB1/hif-1a Signal Pathway. PLoS One. 2014 Oct 14;9(10):e108468.

13. Dolz S, et al. Circulating MicroRNAs as Novel Biomarkers of Stenosis Progression in Asymptomatic Carotid Stenosis. Stroke. 2017 Jan;48(1):10-16.

14. Fordham JB, et al. Regulation of miR-24, miR-30b, and miR-142-3p during macrophage and dendritic cell differentiation potentiates innate immunity. J Leukoc Biol. 2015 Aug;98(2):195-207.

15. Harris TA, et al. MicroRNA-126 regulates endothelial expression of vascular cell adhesion molecule 1. Proc Natl Acad Sci U S A. 2008 Feb 5;105(5):1516-21.

16. He A, et al. Overexpression of micro ribonucleic acid 29, highly up-regulated in diabetic rats, leads to insulin resistance in 3T3-L1 adipocytes. Mol Endocrinol. 2007 Nov;21(11):2785-94.

17. Jiménez-Lucena R, et al. Circulating miRNAs as Predictive Biomarkers of Type 2 Diabetes Mellitus Development in Coronary Heart Disease Patients from the CORDIOPREV Study. *Mol Ther Nucleic Acids*. 2018 Sep 7;12:146-157.

18. Pordzik J, et al. The Potential Role of Platelet-Related microRNAs in the Development of Cardiovascular Events in High-Risk Populations, Including Diabetic Patients: A Review. *Front Endocrinol (Lausanne)*. 2018 Mar 20;9:74.

19. Sommariva E, et al. MiR-320a as a Potential Novel Circulating Biomarker of Arrhythmogenic CardioMyopathy. *Sci Rep*. 2017 Jul 6;7(1):4802.

20. Welten SM, et al. The multifactorial nature of microRNAs in vascular remodelling. *Cardiovasc Res*. 2016 May 1;110(1):6-22.

21. Yang N, et al. MicroRNA-320 involves in the cardioprotective effect of insulin against myocardial ischemia by targeting survivin. *Cell Biochem Funct*. 2018 Apr;36(3):166-171.

22. Yang J, et al. MicroRNA-24 regulates vascular remodeling via inhibiting PDGF-BB pathway in diabetic rat model. *Gene*. 2018 Jun 15;659:67-76.

23. Edelstein LC, et al. MicroRNAs in platelet production and activation. *Blood*. 2011 May 19; 117(20): 5289–5296.

24. Barwari T, et al. Inhibition of profibrotic microRNA-21 affects platelets and their releasate. *JCI Insight*. 2018 Nov 2;3(21)