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Interventions targeting hepatic and cardiovascular complications of metabolic syndrome

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List of publications

- [J.A. Inia](#), M.C. Morrison, A. van Koppen, E. Gart, M.P.M. Caspers, A.L. Menke, N. Worms, R. Kleemann, L. Verschuren, J.W. Jukema, H.M.G. Princen, R. Hanemaaijer, A.M. van den Hoek (2025). Fibrogenic gene signature as early prediction for the efficacy of pharmacological interventions for MASH-associated fibrosis. *The FASEB Journal*, 30;39(12):e70735
- [J.A. Inia](#), A. van Nieuwkoop-van Straalen, J.W. Jukema, B. Rolin, E.M. Staarup, C.K. Mogensen, H.M.G. Princen, A.M. van den Hoek (2024). Efficacy of a novel PCSK9 inhibitory peptide alone and with evinacumab in a mouse model of atherosclerosis. *Journal of Lipid Research*, 66(3):100753
- [J.A. Inia](#), J. Attema, C. de Ruiter, A.L. Menke, M.P.M. Caspers, L. Verschuren, M. Wilson, A. Arlantino, H.D. Brightbill, J.W. Jukema, A.M. van den Hoek, H.M.G. Princen, M.Z. Chen, M.C. Morrison (2024). Therapeutic effects of FGF21 mimetic bFKB1 on MASH and atherosclerosis in *Ldlr*^{-/-} Leiden mice. *The FASEB Journal*, 38(20):e70087
- [J.A. Inia](#), J.C.B.C. de Jong, N. Keijzer, A.L. Menke, H.M.G. Princen, J.W. Jukema, A.M. van den Hoek (2024). Effects of repeated weight cycling on non-alcoholic steatohepatitis in diet-induced obese mice. *The FASEB Journal*, 38(7):e23579
- [J.A. Inia](#), G. Stokman, M.C. Morrison, N. Worms, L. Verschuren, M.P.M. Caspers, A.L. Menke, L. Petitjean, L. Chen, M. Petitjean, J.W. Jukema, H.M.G. Princen, A.M. van den Hoek (2023). Semaglutide has beneficial effects on non-alcoholic steatohepatitis in *Ldlr*^{-/-} Leiden mice. *International Journal of Molecular Sciences*, 24(10):8494
- [J.A. Inia](#), G. Stokman, E.J. Pieterman, M.C. Morrison, A.L. Menke, L. Verschuren, M.P.M. Caspers, M. Giera, J.W. Jukema, A.M. van den Hoek, H.M.G. Princen (2023). Atorvastatin attenuates diet-induced non-alcoholic steatohepatitis in APOE*3-Leiden mice by reducing hepatic inflammation. *International Journal of Molecular Sciences*, 24(9):7818
- [J.A. Inia](#), E.R. O'Brien (2021). Role of Heat Shock Protein 27 in modulating atherosclerotic inflammation. *Journal of Cardiovascular Translational Research*, 14(1):3-12
- S.H. Bots, [J.A. Inia](#), S.A.E. Peters (2021). Medication adherence after acute coronary syndrome in women compared with men: a systematic review and meta-analysis. *Frontiers in Global Women's Health*, 2:637398:eCollection

Accepted for publication

- [J.A. Inia](#), N. Keijzer, N. Worms, A. van Nieuwkoop-van Straalen, M. Ditmarsch, M. de Kleer, J.W. Jukema, J.J.P. Kastelein, M. Szarek, A.M. van den Hoek, G. Stokman, E.J. Pieterman, H.M.G. Princen. Obicetrapib alone and in combination with ezetimibe enhances LDL receptor-mediated VLDL-clearance and regress atherosclerosis on atorvastatin background

Under review

- [J.A. Inia](#), J. Snabel, S. van der Drift-Droog, A.L. Menke, M.P.M. Caspers, L. Verschuren, J.W. Jukema, H.M.G. Princen, A.M. van den Hoek. Semaglutide and exercise synergy in obesity: preserving lean mass and uncovering organ crosstalk

Curriculum Vitae



José Inia was born on the 22nd of February 1997 in Britsum, the Netherlands where she also grew up. In 2015, she graduated from the Piter Jelles Leeuwarder Lyceum in Leeuwarden, the Netherlands. The same year, she moved to Utrecht and enrolled in the bachelor program Biomedical Sciences at the Faculty of Medicine at Utrecht University. During the final year of her studies, she conducted an internship at the Department of Medical Physiology, Division of Heart & Lungs of the University Medical Center Utrecht (UMCU).

After obtaining her Bachelor of Science degree in 2018, José continued her academic training in the Master's program Biology of Disease, specializing in cardiovascular health and disease. During this period, she completed three research internships at the Department of Experimental Cardiology of the UMCU, the Julius Center for Health Sciences and Primary Care and at the Department of Cardiac Sciences at the University of Calgary in Canada.

In March 2021, José started her PhD training at the Department of Cardiology at Leiden University Medical Center (LUMC) and the Department of Metabolic Health Research at TNO, under the supervision of Prof. Dr. J. Wouter Jukema. Her PhD research, of which the results are described in this thesis, focused on preclinical studies aimed at improving metabolic dysfunction-associated cardiovascular and liver diseases. During her PhD trajectory, she presented her work at several international conferences, including the European Atherosclerosis Society (EAS) and the European Association for the Study of the Liver. During this period, she received multiple Young Investigator Grants from the EAS and several best presentation awards both from the Dutch Atherosclerosis Society and the Rembrandt Institute of Cardiovascular Science.

After completing her thesis in 2026, José continued her scientific career at TNO within the Biomedical Research department, expanding her focus to include kidney health and disease as well.