



Curriculum Vitae

Dr. L.G. Bongartz

Werkervaring

- 2018 – 2019: **Cardioloog**, Alrijne Ziekenhuis, Leiderdorp.
2016 – 2017: **Cardioloog**, Haaglanden Medisch Centrum, Den Haag.
2010 – 2016: **AIOS Cardiologie**, Meander Medisch Centrum, Amersfoort & UMC Utrecht, Utrecht.
2006 – 2010: **Promovendus** bij de afdelingen Cardiologie en Nefrologie, UMC Utrecht.

Opleidingen & Certificeringen

- 2016: **EHRA Certification examination**, European Heart Rhythm Association (EHRA) for Cardiac Pacing and Implantable Cardioverter Defibrillators
2016: **PRINCE2® Foundation** project management certification (APMG, Global Project Performance, Utrecht)
2006 – 2010: **Promotie-onderzoek “The Severe Cardiorenal Syndrome”** (Universiteit Utrecht, promotor: prof. P.A.F.M. Doevendans)
1999-2006: **Geneeskunde**, Medische Faculteit Utrecht, Universiteit Utrecht. Artsenbul: 6 april 2006; Master-titel: 29 april
1992-1998: **Stedelijk Gymnasium**, Leiden

Relevante nascholing

- Crew Resource Management (Wings for Care), Gorinchem.
ICT&Health World Conference, Den Haag.
Symposium Nederlandse Hartregistratie (NHR), Zeist.

Neven-activiteiten

- 2017- heden: lid NVVC Werkgroep Acute Coronaire Syndromen

Hobby's

- Motorrijden, tennis, koken





Wetenschappelijke publicaties

Arslan, F., Bongartz, L., ten Berg, J.M. et al.. **2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation: comments from the Dutch ACS working group.** *Neth Heart J* (2018) 26: 417. <https://doi.org/10.1007/s12471-018-1134-0>

Oosterhuis NR, Bongartz LG, Verhaar MC, Cheng C, Xu YJ, van Koppen A, Cramer MJ, Goldschmeding R, Gaillard CA, Doevendans PA, Braam B, Joles JA. **Targeting multiple pathways reduces renal and cardiac fibrosis in rats with subtotal nephrectomy followed by coronary ligation.** *Acta Physiol (Oxf)*. 2017 Jul;220(3):382-393. doi: 10.1111/apha.12829. Epub 2017 Feb 7. PubMed PMID: 28168814.

van Breda GF, Bongartz LG, Zhuang W, van Swelm RP, Pertijs J, Braam B, Cramer MJ, Swinkels DW, Doevendans PA, Verhaar MC, Masereeuw R, Joles JA, Gaillard CA. **Cardiac Hepcidin Expression Associates with Injury Independent of Iron.** *Am J Nephrol*. 2016;44(5):368-378. Epub 2016 Oct 22. PubMed PMID: 27771699; PubMed Central PMCID: PMC5296884.

Bongartz LG, Kirkels HJ, Deckers JW. **Towards correct identification and classification of patients with suspected myocardial infarction but with undetectable high-sensitive troponin.** *Cardiology* 2015;132(suppl 1):1-312; 11th International Congress on Coronary Artery Disease (ICCAD), Florence, Italy November 29 - December 2, 2015: Abstracts.

Fontes MS, Papazova DA, van Koppen A, de Jong S, Korte SM, Bongartz LG, Nguyen TQ, Bierhuizen MF, de Boer TP, van Veen TA, Verhaar MC, Joles JA, van Rijen HV. **Arrhythmogenic Remodeling in Murine Models of Deoxycorticosterone Acetate-Salt-Induced and 5/6-Subtotal Nephrectomy-Salt-Induced Cardiorenal Disease.** *Cardiorenal Med*. 2015 Jun;5(3):208-18. doi: 10.1159/000430475. Epub 2015 Jun 5. PubMed PMID: 26195973; PubMed Central PMCID: PMC4478316.

Bongartz LG, Soni S, Cramer MJ, Steendijk P, Gaillard CA, Verhaar MC, Doevendans PA, van Veen TA, Joles JA, Braam B. **Neuronal nitric oxide synthase-dependent amelioration of diastolic dysfunction in rats with chronic renocardiac syndrome.** *Cardiorenal Med*. 2015 Feb;5(1):69-78. doi: 10.1159/000370052. Epub 2015 Jan 16. PubMed PMID: 25759702; PubMed Central PMCID: PMC4327336.

van Koppen A, Verhaar MC, Bongartz LG, Joles JA. **5/6th nephrectomy in combination with high salt diet and nitric oxide synthase inhibition to induce chronic kidney disease in the Lewis rat.** *J Vis Exp*. 2013 Jul 3;(77):e50398. doi: 10.3791/50398. PubMed PMID: 23851420; PubMed Central PMCID: PMC3731201.

Bongartz LG, Cramer MJ, Joles JA. **Origins of Cardiorenal Syndrome and the Cardiorenal Connection.** In: *Chronic Kidney Disease*. Prof. Monika Gööz (Ed.), 2012. ISBN: 978-953-51-0171-0, InTech, Available from: <http://www.intechopen.com/books/chronic-kidney-disease/origins-of-cardiorenal-syndrome-and-the-cardiorenal-connection>

van Koppen A, Joles JA, Bongartz LG, van den Brandt J, Reichardt HM, Goldschmeding R, Nguyen TQ, Verhaar MC. **Healthy bone marrow cells reduce**





progression of kidney failure better than CKD bone marrow cells in rats with established chronic kidney disease. Cell Transplant. 2012;21(10):2299-312. doi: 10.3727/096368912X636795. PubMed PMID: 23231961.

Bongartz LG, Braam B, Gaillard CA, Cramer MJ, Goldschmeding R, Verhaar MC, Doevendans PA, Joles JA. **Target organ cross talk in cardiorenal syndrome: animal models.** Am J Physiol Renal Physiol. 2012 Nov 1;303(9):F1253-63. doi: 10.1152/ajprenal.00392.2012. Epub 2012 Aug 22. Review. PubMed PMID: 22914779.

Bongartz LG, Joles JA, Verhaar MC, Cramer MJ, Goldschmeding R, Tilburgs C, Gaillard CA, Doevendans PA, Braam B. **Subtotal nephrectomy plus coronary ligation leads to more pronounced damage in both organs than either nephrectomy or coronary ligation.** Am J Physiol Heart Circ Physiol. 2012 Feb 1;302(3):H845-54. doi: 10.1152/ajpheart.00261.2011. Epub 2011 Dec 2. PubMed PMID: 22140040.

Arslan F, Smeets MB, Riem Vis PW, Karper JC, Quax PH, Bongartz LG, Peters JH, Hofer IE, Doevendans PA, Pasterkamp G, de Kleijn DP. **Lack of fibronectin-EDA promotes survival and prevents adverse remodeling and heart function deterioration after myocardial infarction.** Circ Res. 2011 Mar 4;108(5):582-92. doi: 10.1161/CIRCRESAHA.110.224428. Epub 2011 Feb 24. PubMed PMID: 21350212.

Bongartz LG, Braam B, Verhaar MC, Cramer MJ, Goldschmeding R, Gaillard CA, Steendijk P, Doevendans PA, Joles JA. **The nitric oxide donor molsidomine rescues cardiac function in rats with chronic kidney disease and cardiac dysfunction.** Am J Physiol Heart Circ Physiol. 2010 Dec;299(6):H2037-45. doi: 10.1152/ajpheart.00400.2010. Epub 2010 Sep 17. PubMed PMID: 20852057.

Bongartz LG, Braam B, Verhaar MC, Cramer MJ, Goldschmeding R, Gaillard CA, Doevendans PA, Joles JA. **Transient nitric oxide reduction induces permanent cardiac systolic dysfunction and worsens kidney damage in rats with chronic kidney disease.** Am J Physiol Regul Integr Comp Physiol. 2010 Mar;298(3):R815-23. doi: 10.1152/ajpregu.00727.2009. Epub 2009 Dec 23. PubMed PMID: 20032261.

Joles JA, Bongartz LG, Gaillard CA, Braam B. **Renal venous congestion and renal function in congestive heart failure.** J Am Coll Cardiol. 2009 Oct 20;54(17):1632; author reply 1632-3. doi: 10.1016/j.jacc.2009.05.068. PubMed PMID: 19833266.

van der Putten K, Bongartz LG, Braam B, Gaillard CA. **The cardiorenal syndrome a classification into 4 groups?** J Am Coll Cardiol. 2009 Apr 14;53(15):1340; author reply 1340-1. doi: 10.1016/j.jacc.2008.12.042. PubMed PMID: 19358954.

Bongartz LG, Cramer MJ, Doevendans PA, Joles JA, Braam B. **The severe cardiorenal syndrome: 'Guyton revisited'.** Eur Heart J. 2005 Jan;26(1):11-7. Epub 2004 Nov 30. Review. PubMed PMID: 15615794.

Bongartz LG, Cramer MJ, Braam B. **The cardiorenal connection.** Hypertension. 2004 Apr;43(4):e14. Epub 2004 Feb 16. PubMed PMID: 14967846.

