

## CARDIOPROTECTION

### SCIENTIFIC REVIEWS

Yellon DM, Hausenloy DJ.  
*Myocardial reperfusion injury.*  
N Engl J Med. 2007;357:1121-35.  
[READ PUBLICATION](#)

Hausenloy DJ, Yellon DM.  
*Myocardial ischemia-reperfusion injury: a neglected therapeutic target.*  
J Clin Invest. 2013;123(1):92-100.  
[READ PUBLICATION](#)

Bell RB, Yellon DM.  
*Surgery: Remote ischaemic conditioning: approaching prime time.*  
Nature Reviews-Cardiology. 2013;10:619-621.  
[READ PUBLICATION](#)

Yellon DM, Davidson SM.  
*Exosomes: nanoparticles involved in cardioprotection?*  
Circ Res. 2014;114:325-32.  
[READ PUBLICATION](#)

Heusch G, Bøtker HE, Przyklenk K, Redington A, Yellon D.  
*Remote Ischemic Conditioning.*  
J Am Coll Cardiol. 2015 ;65:177-195.  
[READ PUBLICATION](#)

Hausenloy DJ, Yellon DM.  
*Targeting Myocardial Reperfusion Injury - The Search Continues.*  
N Engl J Med. 2015;373(11):1073-5.  
[READ PUBLICATION](#)

Hausenloy DJ, Yellon DM.  
*Ischaemic conditioning and reperfusion injury.*  
Nat Rev Cardiol. 2016;13:193-209.  
[READ PUBLICATION](#)

Rossello X, Yellon DM.

*Cardioprotection: The Disconnect Between Bench and Bedside.*

Circulation. 2016;134:574-5.

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Davidson SM, Takov K, Yellon DM.

*Exosomes and Cardiovascular Protection.*

Cardiovasc Drugs Ther. 2017; 312:77-86.

[READ PUBLICATION](#)

Bell RM, Yellon DM.

*SGLT2 inhibitors: hypotheses on the mechanism of cardiovascular protection.*

Lancet Diabetes Endocrinol. 2017; 6:2018.

[READ PUBLICATION](#)

Rossello X, Yellon DM.

*The RISK pathway and beyond.*

Basic Res Cardiol. 2017;113:2.

[READ PUBLICATION](#)

Shah M, Yellon DM, Davidson SM.

*The Role of Extracellular DNA & Histones in Ischaemia-Reperfusion Injury of the Myocardium.*

Cardiovasc Drugs Ther. 2020 Feb;34(1): 123-131.

[READ PUBLICATION](#)

Hausenloy DJ, Ntsekhe M, Yellon DM.

*A future for remote ischaemic conditioning in high-risk patients.*

Basic Res Cardiol. 2020 Apr 25;115(3):35.

[READ PUBLICATION](#)

Golfaroush P, Yellon DM, Davidson SM

*Mouse models of atherosclerosis and their suitability for the study of myocardial infarction.*

Basic Res Cardiol. 2020 Nov 30;115(6):73.

[READ PUBLICATION](#)

## SCIENTIFIC PAPERS: (SELECTED FROM 2015 ONWARDS)

Hausenloy DJ, Candilio L, Evans R, Ariti C, Jenkins DP, Kolvekar S, Knight R, Kunst G, Laing C, Nicholas J, Pepper J, Robertson S, Xenou M, Clayton T, Yellon DM.  
*Remote Ischemic Preconditioning and Outcomes of Cardiac Surgery.*  
New England J Med 2015;373:1408-17.

[READ PUBLICATION](#)

Yellon DM, Ackbarkhan AK, Balgobin V, Bulluck H, Deelchand A, Dhuny MR, Domah D, Gaoneadry D, Jagessur RK, Joonas N, Kowlessur S, Lutchoo J, Nicholas JM, Pauvaday K, Shamloll O, Walker JM, Hausenloy DJ.  
*Remote Ischemic Conditioning Reduces Myocardial Infarct Size in STEMI Patients Treated by Thrombolysis.*  
Journal of the American College of Cardiology 2015, 65:2764-5.

[READ PUBLICATION](#)

Pickard JM, Davidson SM, Hausenloy DJ, Yellon DM.  
*Co-dependence of the neural and humoral pathways in the mechanism of remote ischemic conditioning.*  
Basic Res Cardiol. 2016 Jul;111(4):50.

[READ PUBLICATION](#)

Pickard JM, Burke N, Davidson SM, Yellon DM.  
*Intrinsic cardiac ganglia and acetylcholine are important in the mechanism of ischaemic preconditioning.*  
Basic Res Cardiol. 2017;112:11.

[READ PUBLICATION](#)

Rossello X, Riquelme JA, He Z, Taferner S, Vanhaesebroeck B, Davidson SM, Yellon DM.  
*The role of PI3K $\alpha$  isoform in cardioprotection.*  
Basic Res Cardiol. 2017;112:66.

[READ PUBLICATION](#)

Davidson SM, He Z, Dyson A, Bromage DI, Yellon DM.  
*Ventilation strategy has a major influence on remote ischaemic preconditioning in mice.*  
J Cell Mol Med. 2017 Apr 4.

[READ PUBLICATION](#)

Davidson SM, Riquelme JA, Takov K, Vicencio JM, Boi-Doku C, Khoo V, Doreth C, Radenkovic D, Lavandero S, Yellon DM.

*Cardioprotection mediated by exosomes is impaired in the setting of type II diabetes but can be rescued by the use of non-diabetic exosomes in vitro.*

J Cell Mol Med. 2017 Aug 25.

[READ PUBLICATION](#)

Yellon DM, He Z, Khambata R, Ahluwalia A, Davidson SM.

*The GTN patch: a simple and effective new approach to cardioprotection?*

Basic Res Cardiol. 2018 Apr 17;113(3):20.

[READ PUBLICATION](#)

Hausenloy DJ, Kharbanda RK, Møller UK, Ramlall M, Aarøe J, Butler R, Bulluck H, Clayton T, Dana A, Dodd M, Engstrom T, Evans R, Lassen JF, Christensen EF, Garcia-Ruiz JM, Gorog DA, Hjort J, Houghton RF, Ibanez B, Knight R, Lippert FK, Lønborg JT, Maeng M, Milasinovic D, More R, Nicholas JM, Jensen LO, Perkins A, Radovanovic N, Rakhit RD, Ravkilde J, Ryding AD, Schmidt MR, Riddervold IS, Sørensen HT, Stankovic G, Varma M, Webb I, Terkelsen CJ, Greenwood JP, Yellon DM, Bøtker HE, on behalf of the CONDI-2/ERIC-PPCI Investigators.

*Effect of remote ischaemic conditioning on clinical outcomes in patients with acute myocardial infarction (CONDI-2/ERIC-PPCI): a single-blind randomised controlled trial.*

Lancet. 2019 Oct 19;394(10207):1415-1424.

[READ PUBLICATION](#)

Takov K, He Z, Johnston HE, Timms JF, Guillot PV, Yellon DM, Davidson SM.

*Small extracellular vesicles secreted from human amniotic fluid mesenchymal stromal cells possess cardioprotective and promigratory potential.*

Basic Res Cardiol. 2020 Mar 7;115(3):26.

[READ PUBLICATION](#)

Hausenloy DJ, Ntsekhe M, Yellon DM.

*A future for remote ischaemic conditioning in high-risk patients.*

Basic Res Cardiol. 2020 Apr 25;115(3):35.

[READ PUBLICATION](#)

Riquelme JA, Takov K, Santiago-Fernández C, Rossello X, Lavandero S, Yellon DM, Davidson SM.

*Increased production of functional small extracellular vesicles in senescent endothelial cells.*

J Cell Mol Med. 2020 Apr;24(8):4871-4876.

[READ PUBLICATION](#)

Basalay MV, Yellon DM, Davidson SM.

*Targeting myocardial ischaemic injury in the absence of reperfusion.*

Basic Res Cardiol. 2020 Oct 14;115(6):63.

[READ PUBLICATION](#)

He Z, Davidson SM, Yellon DM

*The importance of clinically relevant background therapy in cardioprotective studies.*

Basic Res Cardiol. 2020 Nov 3;115(6):69.

[READ PUBLICATION](#)

Pearce L, Davidson SM. & Yellon DM.

*Does remote ischaemic conditioning reduce inflammation? A focus on innate immunity and cytokine response.*

Basic Res Cardiol 2021 Feb 24;116(1):12.

[READ PUBLICATION](#)

Shah M, He Z, Rauf A, Kalkhoran SB, Heiestad CM, Stensløkken KO, Parish CR, Soehnlein O, Arjun S, Davidson SM, Yellon D.

*Extracellular histones are a target in myocardial ischaemia reperfusion injury.*

Cardiovasc Res. 2021 Apr 20.

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