



The Hatter Cardiovascular Institute

(Institute of Cardiovascular Sciences)

University College London

Professor DM Yellon PhD, DSc (UK), DSc (SA), Hon FRCP, FESC, FACC
Director of the Hatter Cardiovascular Institute,



CARDIOPROTECTION:

SCIENTIFIC REVIEWS

Yellon DM, Hausenloy DJ

Myocardial reperfusion injury.

N Engl J Med. 2007;357:1121-35.

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Hausenloy DJ, Yellon DM.

Myocardial ischemia-reperfusion injury: a neglected therapeutic target

J Clin Invest. 2013;123(1):92-100.

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Bell RB, Yellon DM

Surgery: Remote ischaemic conditioning: approaching prime time

Nature Reviews-Cardiology. 2013;10:619-621

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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

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Hausenloy DJ, Yellon DM.

Targeting Myocardial Reperfusion Injury - The Search Continues.

N Engl J Med. 2015;373(11):1073-5

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Hausenloy DJ, Yellon DM.

Ischaemic conditioning and reperfusion injury.

Nat Rev Cardiol. 2016;13:193-209

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Davidson SM, Takov K, Yellon DM.

Exosomes and Cardiovascular Protection.

Cardiovasc Drugs Ther. 2017; 312:77-86

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Rossello X, Yellon DM.

Cardioprotection: The Disconnect Between Bench and Bedside.

Circulation. 2016;134:574-5.

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Bell RM, Yellon DM.

SGLT2 inhibitors: hypotheses on the mechanism of cardiovascular protection.

Lancet Diabetes Endocrinol. 2017; 6:2018

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Rossello X, Yellon DM.

The RISK pathway and beyond.

Basic Res Cardiol. 2017;113:2.

[READ PUBLICATION](#)



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SCIENTIFIC PAPERS: (SELECTED FROM 2015 ONWARDS)

Rossello X, Riquelme JA, He Z, Taferner S, Vanhaesebroeck B, Davidson SM, Yellon DM.

The role of PI3K α isoform in cardioprotection.

Basic Res Cardiol. 2017;112:66.

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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

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Takov K, Yellon DM, Davidson SM.

Confounding factors in vesicle uptake studies using fluorescent lipophilic membrane dyes.

J Extracell Vesicles. 2017 Oct 12;6(1):1388731

[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](#)

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.

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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

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Pickard JM, Davidson SM, Hausenloy DJ, Yellon DM.

Co-dependence of the neural and humoral pathways in the mechanism of remote ischemic conditioning.

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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

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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](#)