

## PUBLICATIONS

### Articles originaux

2015

70) Barrera-Chimal J., Prince S., Fadel F., S. El Moghrabi<sup>1</sup>, D. G. Warnock, P. Kolkhof and F. Jaisser. Sulfenic acid modification of ET-B receptor is responsible for the benefit of a non-steroidal MR antagonist in renal ischemia. *JASN* In Press

69) Tarjus, A. Fay R; Farman N; Rossignol P, Zannad F; López-Andrés N; Jaisser F, Neutrophil Gelatinase Associated Lipocalin, a novel mineralocorticoid biotarget, mediates vascular pro-fibrotic effects of mineralocorticoids. *Hypertension*, 2015 In press. With editorial

68) Urbanet R; A. Nguyen Dinh Cat, A. Feraco, N. Venteclef, S. El Moghrabi, C. Sierra-Ramos, D. Alvarez de la Rosa, G. K. Adler, D. Quilliot, P. Rossignol, F. Fallo, R. M Touyz; F Jaisser. Adipocyte mineralocorticoid receptor activation leads to metabolic syndrome and induction of Prostaglandin D2 Synthase. *Hypertension*. In press) With editorial

67) Martínez-Martínez E, Cachofeiro V, Rousseau E, Álvarez V, Calvier L, Fernández-Celis A, Leroy C, Miana M, Jurado-López R, Briones AM, Jaisser F, Zannad F, Rossignol P, López-Andrés N. Interleukin-33/ST2 system attenuates aldosterone-induced adipogenesis and inflammation. *Mol Cell Endocrinol*. 2015 pii: S0303-7207

66) Maubec E, Laouénan C, Deschamps L, Nguyen VT, Scheer-Senyarich I, Wackenheim-Jacobs AC, Steff M, Duhamel S, Tubiana S, Brahimi N, Leclerc-Mercier S, Crickx B, Perret C, Aractingi S, Escoubet B, Duval X, Arnaud P, Jaisser F, Mentré F, Farman N. Topical Mineralocorticoid Receptor Blockade Limits Glucocorticoid-Induced Epidermal Atrophy in human Skin. *J Invest Dermatol*. 2015

65) Gravez B, Tarjus A, Pelloux V, Ouvrard-Pascaud A, Delcayre C, Samuel J, Clément K, Farman N, Jaisser F, Messaoudi S. Aldosterone promotes cardiac endothelial cell proliferation in vivo. *J Am Heart Assoc*. 2015 Jan 6;4(1):e001266.

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62) Youcef G, Olivier A, L'Huillier CP, Labat C, Fay R, Tabcheh L, Toupance S, Rodriguez-Guéant RM, Bergerot D, Jaisser F, Lacolley P, Zannad F, Laurent Vallar, Pizard A. Simultaneous characterization of metabolic, cardiac, vascular and renal phenotypes of lean and obese SHHF rats. *PLoS One*. 2014 15;9(5):e96452.

61) Lagrange J, Li Z, Fassot C, Bourhim M, Louis H, Nguyen Dinh Cat A, Parlakian A, Wahl D, Lacolley P, Jaisser F, Regnault V. Endothelial mineralocorticoid receptor activation enhances endothelial protein C receptor and decreases vascular thrombosis in mice. *FASEB J*. in press

60) Cheng JM, Akkerhuis KM, Meilhac O, Oemrawsingh RM, Garcia-Garcia HM, van Geuns RJ, Piquer D, Merle D, du Paty E, Galéa P, Jaisser F, Rossignol P, Serruys PW, Boersma E, Fareh J, Kardys I. Circulating Osteoglycin and NGAL/MMP9 Complex Concentrations Predict 1-Year Major Adverse Cardiovascular Events After Coronary Angiography. *Arterioscler Thromb Vasc Biol*. 2014 34(5):1078-84.

59) Galmiche G, Pizard A, Gueret A, El Moghrabi S, Ouvrard-Pascaud A, Berger S, Challande P, Jaffe IZ, Labat C, Lacolley P, Jaisser F. Smooth muscle cell mineralocorticoid receptors are mandatory for aldosterone-salt to induce vascular stiffness. *Hypertension* 2014 Mar;63(3):520-6

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58) Gravez B, Tarjus A, Jimenez-Canino R, El Moghrabi S, Messaoudi S, Alvarez de la Rosa D, Jaisser F. The diuretic torasemide does not prevent aldosterone-mediated mineralocorticoid receptor activation in cardiomyocytes. *PLoS One*. 2013 9;8(9):e73737.

57) Springer J, Tschirner A, Haghikia A, von Haehling S, Lal H, Grzesiak A, Kaschina E, Palus S, Pötsch M, von Websky K, Hoher B, Latouche C, Jaisser F, Morawietz L, Coats AJ, Beadle J, Argiles JM, Thum T, Földes G, Doehner W, Hilfiker-Kleiner D, Force T, Anker SD Prevention of liver cancer cachexia-induced cardiac wasting and heart failure. *Eur Heart J*. 2013

- P. Jeggle, C Callies, Antoine Tarjus, C Fassot, J Fels, H. Oberleithner<sup>#</sup>, F. Jaisser<sup>°</sup> and K. Kusche-Vihrog  
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- 53) Nguyen Dinh Cat A, Escoubet B, Agrapart V, Griol-Charhbili V, Schoeb T, Feng W, Jaimes E, Warnock DG, Jaisser F. Cardiomyopathy and response to enzyme replacement therapy in a male mouse model for fabry disease. *PLoS One*. 2012;7:e33743
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- 51) Latouche C, El Moghrabi S, Messaoudi S, Cat AN, Hernandez-Diaz I, Alvarez de la Rosa D, Perret C, Lopez Andres N, Rossignol P, Zannad F, Farman N, Jaisser F. Neutrophil gelatinase-associated lipocalin is a novel mineralocorticoid target in the cardiovascular system. *Hypertension*. 2012;59:966-972
- 50) Blondeau B, Sahly I, Massourides E, Singh-Estivalet A, Valtat B, Dorchene D, Jaisser F, Breant B, Tronche F. Novel transgenic mice for inducible gene overexpression in pancreatic cells define glucocorticoid receptor-mediated regulations of beta cells. *PLoS One*. 2012;7:e30210  
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- 49) Zhao M, Bousquet E, Valamanesh F, Farman N, Jeanny JC, Jaisser F, Behar-Cohen F. Differential regulations of aqp4 and kir4.1 by triamcinolone acetonide and dexamethasone in the healthy and inflamed retina. *Invest Ophthalmol Vis Sci*. 2011;52:6340-6347
- 48) Favre J, Gao J, Di Zang A, Remy-Jouet I, Ouvrard-Pascaud A, Dautreux B, Escoubet B, Thuillez C, Jaisser F\*, Richard V\*. Coronary endothelial dysfunction after cardiomyocyte-specific mineralocorticoid receptor overexpression. \* *equally contributed* *Am J Physiol Heart Circ Physiol*. 2011 Jun;300(6):H2035-43.\* *co-responsible*
- 47) V. Griol-Charhbil, C. Fassot, S. Messaoudi, C. Perret, V. Agrapart, F. Jaisser The Epidermal Growth Factor Receptor mediates the vascular dysfunction but not the remodeling induced by aldosterone/salt. *Hypertension*, 2011;57(2):238-44, *avec editorial*  
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- 46) C. Latouche, Y. Sainte-Marie, M. Steenman, P.Castro Chaves, A. Naray-Fejes-Toth, G. Fejes-Toth, N. Farman, F. Jaisser. Molecular signature of mineralocorticoid receptor signalling in cardiomyocytes : from cultured cells to mouse heart. *Endocrinology*, 2010;151(9):4467-76
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- 44) Zhao M, Valamanesh F, Celerier I, Savoldelli M, Jonet L, Jeanny JC, Jaisser F, Farman N, Behar-Cohen F. The neuroretina is a novel mineralocorticoid target: aldosterone up-regulates ion and water channels in Muller glial cells. *FASEB J*. 2010 2010, 24(7):2454-63.
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- 34- Gellen B, Fernández-Velasco M, Briec F, Vinet L, LeQuang K, Rouet-Benzineb P, Bénitah JP, Pezet M, Palais G, Pellegrin N, Zhang A, Perrier R, Escoubet B, Marniquet X, Richard S, Jaisser F, Gómez AM, Charpentier F, Mercadier JJ. Conditional FKBP12.6 overexpression in mouse cardiac myocytes prevents triggered ventricular tachycardia through specific alterations in excitation-contraction coupling. *Circulation*. 2008 Apr 8;117(14):1778-86.
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#### Publications de revue

2015

Bauersachs J, Jaisser F, Toto R. Mineralocorticoid Receptor Activation and Mineralocorticoid Receptor Antagonist Treatment in Cardiac and Renal Diseases. *Hypertension*. 2015 Feb;65(2):257-263.

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