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Education

2018 MD specialist in pathology
2014 University Lecturer Program, University of Southern Denmark
2009 Ph.d., Faculty of Health Sciences, University of Southern Denmark
2005 MD, University of Southern Denmark

Employment

2018-dd. Consultant, Department of Pathology, Odense University Hospital
2017-dd. Associate professor, Department of Cardiovascular and Renal Research, University of Southern Denmark
2012-2018 MD, Departments of Pathology, Odense University Hospital and Herlev Hospital
2012-2017 Assistant professor, Department of Cardiovascular and Renal Research, University of Southern Denmark
2011-2012 Post doc, Department of Cardiovascular and Renal Research, University of Southern Denmark
2010-2011 MD, Department of Pathology, Odense University Hospital and post doc, Department of Cardiovascular and Renal Research, University of Southern Denmark
2009-2010 Post doc, Division of Nephrology, Emory University School of Medicine, Atlanta, USA
2008-2009 MD, Departments of Orthopedic Surgery and Internal Medicine, Vejle Hospital
2005-2008 Ph.d. student, Department of Cardiovascular and Renal Research, University of Southern Denmark

Management

2018-dd. Member of the Study Board of Medicine, Faculty of Health Sciences, University of Southern Denmark
2006-dd. Interviewer at the entrance examination for the Bachelor education of Medicine, University of Southern Denmark
2007-2008 Member of the Ph.d. Study Board, Faculty of Health Sciences, University of Southern Denmark

Scientific Honours

2016 Young Investigator Travel Award, Federation of American Societies for Experimental Biology
2012 Mommsens Legat, Honary award from the Danish Society of Nephrology
2007 Young Investigator Travel Award, Federation of American Societies for Experimental Biology
2007 Elite Research Travel grant

Meetings and presentations

Participated in 44 national and international meetings with a total of 17 poster presentations and 12 oral presentations.
Invited speaker at 5 international meetings.

Research outputs

ACE2 and TMPRSS2 in human kidney tissue and urine extracellular vesicles with age, sex, and COVID-19

Bach, M. L., Laffih, S., Andresen, J. K., Pedersen, R. M., Andersen, T. E., Madsen, L. W., Madsen, K., Hinrichs, G. R., Zachar, R., Svenningsen, P., Lund, L., Johansen, I. S., Hansen, L. F., Palarasah, Y. & Jensen, B. L., Jan 2025, In: Pflugers Archiv European Journal of Physiology.

Identification of natriuretic peptide receptor A-related gene expression signatures in podocytes in vivo reveals baseline control of protective pathways

Jensen, M., Heintz, E.-S., Federlein, A., Schwartz, U., Lund, L., Madsen, K., Jensen, B. L. & Schweda, F., Nov 2024, In: American Journal of Physiology - Renal Physiology. 327, 5, p. F806-F821

Effect of Spironolactone on Kidney Function in Kidney Transplant Recipients (the SPIREN trial): A Randomized Placebo-Controlled Clinical Trial

Mortensen, L. A., Jespersen, B., Helligsoe, A. S. L., Tougaard, B., Cibulskyte-Ninkovic, D., Egjford, M., Boesby, L., Marcussen, N., Madsen, K., Jensen, B. L., Petersen, I., Bistrup, C. & Thieson, H. C., 1. Jun 2024, In: *Clinical Journal of the American Society of Nephrology*. 19, 6, p. 755-766

Amiloride Reduces Urokinase/Plasminogen-Driven Intratubular Complement Activation in Glomerular Proteinuria

Isaksson, G. L., Hinrichs, G. R., Andersen, H., Bach, M. L., Weyer, K., Zachar, R., Henriksen, J. E., Madsen, K., Lund, I. K., Mollet, G., Bistrup, C., Birn, H., Jensen, B. L. & Palarasah, Y., 1. Apr 2024, In: *Journal of the American Society of Nephrology*. 35, 4, p. 410-425

Microglial TNFR2 signaling regulates the inflammatory response after CNS injury in a sex-specific fashion

Raffaele, S., Pedersen, E. T., Laursen, C. C. H., Gao, H., Andersen, K. M., Nielsen, P. V., Orti-Casan, N., Blichfeldt-Eckhardt, M. R., Koch, S., Deb-Chatterji, M., Magnus, T., Stubbe, J., Madsen, K., Meyer, M., Degn, M., Eisel, U. L. M., Wlodarczyk, A., Fumagalli, M., Clausen, B. H. & Brambilla, R. & 1 others, Lambertsen, K. L., Feb 2024, In: *Brain, Behavior, and Immunity*. 116, p. 269-285

Characterisation of GPR17-expressing oligodendrocyte precursors in human ischaemic lesions and correlation with reactive glial responses

Raffaele, S., Clausen, B. H., Mannella, F. C., Wirenfeldt, M., Marangon, D., Tidgen, S. B., Corradini, S., Madsen, K., Lecca, D., Abbracchio, M. P., Lambertsen, K. L. & Fumagalli, M., 2024, (E-pub ahead of print) In: *Journal of Pathology*.

Cystathionine gamma-lyase (CTH) inhibition attenuates glioblastoma formation

Peleti, M., Antoniadou, I., Rodrigues-Junior, D. M., Savvoulidou, O., Caja, L., Katsouda, A., Ketelhuth, D. F. J., Stubbe, J., Madsen, K., Moustakas, A. & Papapetropoulos, A., Aug 2023, In: *Redox Biology*. 64, p. 102773 12 p., 102773.

Urine excretion of C3dg and sC5b-9 coincide with proteinuria and development of preeclampsia in pregnant women with type-1 diabetes

Isaksson, G. L., Nielsen, L. H., Palarasah, Y., Jensen, D. M., Andersen, L. L. T., Madsen, K., Bistrup, C., Jørgensen, J. S., Ovesen, P. G. & Jensen, B. L., 1. Feb 2023, In: *Journal of Hypertension*. 41, 2, p. 223-232

Gadolinium-enhanced MRI visualizing backflow at increasing intra-renal pressure in a porcine model

Lildal, S. K., Hansen, E. S. S., Laustsen, C., Nørregaard, R., Bertelsen, L. B., Madsen, K., Rasmussen, C. W., Osther, P. J. S. & Jung, H., Feb 2023, In: *PLOS ONE*. 18, 2, 13 p., e0281676.

Mannan-binding lectin serine protease-2 (MASP-2) in human kidney and its relevance for proteolytic activation of the epithelial sodium channel

Zachar, R., Thiel, S., Hansen, S., Henriksen, M. L., Skjoedt, M. O., Skjodt, K., Hamzaei, Z., Madsen, K., Lund, L., Hummler, E., Svenningsen, P. & Jensen, B. L., 24. Sept 2022, In: *Scientific Reports*. 12, 13 p., 15955.

Increased COX-2 after ureter obstruction attenuates fibrosis and is associated with EP₂ receptor upregulation in mouse and human kidney

Tofteng, S. S., Nilsson, L., Mogensen, A. K., Nørregaard, R., Nüsing, R., Diatchikhine, M., Lund, L., Bistrup, C., Jensen, B. L. & Madsen, K., Aug 2022, In: *Acta Physiologica*. 235, 4, e13828.

Introduction of salvage prostatectomy in Denmark: the initial experience

Mortensen, M. A., Poulsen, C. A., Ahlgren, G., Madsen, K. & Poulsen, M. H., 21. May 2022, In: *BMC Research Notes*. 15, 185.

Proteinuria is accompanied by intratubular complement activation and apical membrane deposition of C3dg and C5b-9 in kidney transplant recipients

Isaksson, G. L., Bodilsen Nielsen, M., Hinrichs, G. R., Krogstrup, N. V., Langkilde, R. Z., Stubmark, H., Svenningsen, P., Madsen, K., Bistrup, C., Jespersen, B., Birn, H., Palarasah, Y. & Jensen, B. L., Feb 2022, In: *American Journal of Physiology: Renal Physiology*. 322, 2, p. F150-F163

Metastatic atypical renal tumour with metanephric characteristics treated with Sunitinib

Mohammad, H., Madsen, K., Graumann, O., Loya, A. C., Jensen, N. V. & Dahlrot, R. H., Jan 2022, In: Urology Case Reports. 40, 4 p., 101880.

The Effect of Spironolactone on Calcineurin Inhibitor Induced Nephrotoxicity—The Spiren Trial

Aas Mortensen, L., Jespersen, B., Sophie Lind Helligsø, A., Cibulskyte-Ninkovic, D., Godskesen Tougaard, B., Egffjord, M., Boesby, L., Marcussen, N., Madsen, K., Jensen, B. L., Petersen, I., Bistrup, C. & Charlotte Thiesson, H., 2022, In: Nephrology Dialysis Transplantation. 37, Suppl. 3, 1 p., FC 118.

Luminal activation of complement with apical deposition of c3dg and c5b-9 in the proximal tubules in kidney transplant recipients

Isaksson, G., Hinrichs, G. R., Nielsen, M., Krogstrup, N. V., Stubmark, H., Langkilde, R. Z., Svenningsen, P., Madsen, K., Bistrup, C., Jespersen, B., Birn, H., Palarasah, Y. & Jensen, B. L., 1. Aug 2021, In: Transplant International. 34, Suppl. 1, p. 63 1 p., OP087.

Interaction between angiotensin II and the renal prostaglandin system in calcineurin inhibitor induced nephrotoxicity

Madsen, K., May 2021, In: Acta Physiologica. 232, 1, 3 p., e13648.

LOCALIZATION OF NATRIURETIC PEPTIDE RECEPTORS IN HUMAN KIDNEY TISSUE

Jensen, M., Frees, A., Assersen, K. B., Madsen, K., Lund, L., Zamani, R., Toft, A., Hansen, P. B. L., Schweda, F. & Jensen, B. L., 1. Apr 2021, In: Journal of Hypertension. 39, Suppl. 1, p. E300

Natriuretic peptides relax human intrarenal arteries through natriuretic peptide receptor type-A recapitulated by soluble guanylyl cyclase agonists

Frees, A., Assersen, K. B., Jensen, M., Hansen, P. B. L., Vanhoutte, P. M., Madsen, K., Federlein, A., Lund, L., Toft, A. & Jensen, B. L., Mar 2021, In: Acta Physiologica. 231, 3, e13565.

Early life body size and its associations with adult bladder cancer

Sørensen, K. K., Jensen, B. W., Thomas, P. E., Madsen, K., Eriksson, F., Aarestrup, J. & Baker, J. L., 20. May 2020, In: Annals of Human Biology. 47, 2, p. 166-172

Role of the renin-angiotensin system in kidney development and programming of adult blood pressure

Almeida, L. F., Tofteng, S. S., Madsen, K. & Jensen, B. L., 27. Mar 2020, In: Clinical Science. 134, 6, p. 641-656

Early life body size in relation to risk of renal cell carcinoma in adulthood: a Danish observational cohort study

Jensen, B. W., Meyle, K. D., Madsen, K., Sørensen, T. I. A. & Baker, J. L., 1. Mar 2020, In: European Journal of Epidemiology. 35, 3, p. 251-258

Intratubular Complement Activation in Kidney Transplant Recipients with Proteinuria

Isaksson, G. L., Hinrichs, G. R., Madsen, K., Bistrup, C., Jensen, B. L. & Palarasah, Y., Nov 2019, In: Acta Physiologica. 227, S721, p. 141 1 p., e13414.

The effect of selective inhibition of soluble tumour necrosis factor on abdominal aortic aneurysm expansion and on macrophage function in vitro

Grube, E., Larsen, M. D., Steffesen, L. B., Fuglsang, E. H., Madsen, K., Szymkowski, D. E., Lindholt, J. S., Lambertsen, K. L. & Stubbe, J., Nov 2019, In: Acta Physiologica. 227, S721, p. 113 1 p., e13414.

Intratubular Complement Activation in Kidney Transplant Recipients with Proteinuria

Isaksson, G. L., Hinrichs, G. R., Jensen, B. L., Bistrup, C., Madsen, K. & Palarasah, Y., 10. Aug 2019.

Renoprotective effects of cardiotrophin-1 in a mouse model of chronic kidney disease

Madsen, K., Jun 2019, In: Acta Physiologica. 226, 2, 2 p., e13274.

Altered expression of the renal prostaglandin E2 signaling system in kidney tissue from patients suffering from hydronephrosis and renal fibrosis

Tofteng, S. S., Mogensen, A. K., Toft, A., Jensen, B. L. & Madsen, K., 15. Sept 2018.

Pazopanib-Induced Hypertension in Patients With Renal Cell Carcinoma Is Associated With Low Urine Excretion of NO Metabolites

Tinning, A. R., Bengtsen, C., Jensen, N. V., Bastholt, L., Jensen, B. L. & Madsen, K., Mar 2018, In: Hypertension. 71, 3, p. 473-480

Interference with G α -Coupled Receptor Signaling in Renin-Producing Cells Leads to Renal Endothelial Damage

Lachmann, P., Hickmann, L., Steglich, A., Al-Mekhlafi, M., Gerlach, M., Jetschin, N., Jahn, S., Hamann, B., Wnuk, M., Madsen, K., Djonov, V., Chen, M., Weinstein, L. S., Hohenstein, B., Hugo, C. P. M. & Todorov, V. T., Dec 2017, In: Journal of the American Society of Nephrology. 28, 12, p. 3479–3489

Impaired cyclooxygenase-2 expression leads to aggravated renal fibrosis in response to unilateral ureteral obstruction in mice

Tofteng, S. S., Madsen, K., Nilsson, L., Jensen, B. L. & Nørregaard, R., 10. Oct 2016.

Long-term use of lithium and risk of colorectal adenocarcinoma: a nationwide case-control study

Pottegård, A., Ennis, Z. N., Hallas, J., Jensen, B. L., Madsen, K. & Friis, S., 1. Mar 2016, In: British Journal of Cancer. 114, 5, p. 571-575

Long-Term Lithium Use and Risk of Renal and Upper Urinary Tract Cancers

Pottegård, A., Hallas, J., Jensen, B. L., Madsen, K. & Friis, S., Jan 2016, In: Journal of the American Society of Nephrology. 27, 1, p. 249-255

Accuracy and consequences of same-day, invasive lung cancer workup: a retrospective study in patients treated with surgical resection

Madsen, K. R., Høegholm, A. & Bodtger, U., 2016, In: European Clinical Respiratory Journal. 3, 1, 8 p., 32590.

Tyrosine kinase inhibitor-induced hypertension in patients diagnosed with renal cell carcinoma is associated with decreased urinary excretion of NO metabolites"

Madsen, K., Robdrup Tinning, A., Bastholt, L. & Jensen, B. L., 2016.

Vascular endothelial growth factor signaling is necessary for expansion of medullary microvessels during postnatal kidney development

Robdrup Tinning, A., Jensen, B. L., Johnsen, I., Chen, D., Coffman, T. M. & Madsen, K., 2016, In: American Journal of Physiology: Renal Physiology. 311, 3, p. F586-F599

Chronic use of lithium is safe with regard to the development of kidney and urinary tract cancers

Pottegård, A., Hallas, J., Jensen, B. L., Madsen, K. & Friid, S., 2015, In: Pharmacoepidemiology and Drug Safety. 24, S1, p. 32 1 p., 54.

Disruption of cyclooxygenase type 2 exacerbates apoptosis and renal damage during obstructive nephropathy

Nilsson, L., Madsen, K., Krag, S., Frøkiær, J., Jensen, B. L. & Nørregaard, R., 2015, In: American Journal of Physiology: Renal Physiology. 309, 12, p. F1035-F1048

Genetic deletion of cyclooxygenase-2 impairs glomerular slit diaphragm formation during late stages of kidney development

Madsen, K., Marcussen, N. & Jensen, B. L., 2015.

Patterning of renal medullary vasa recta bundles takes place in a narrow developmental window in rats and humans and is dependent on Angiotensin II AT1

Robdrup Tinning, A., Jensen, B. L., Johnsen, I. B. G., Chen, D. A., Coffman, T. & Madsen, K., 2015, In: The FASEB Journal. 29, S1, 796.1 .

The water channel aquaporin-1 contributes to renin cell recruitment during chronic stimulation of renin production

Tinning, A. R., Jensen, B. L., Schweda, F., Machura, K., Hansen, P. B. L., Stubbe, J., Gramsbergen, J. B. & Madsen, K., 1. Dec 2014, In: American Journal of Physiology: Renal Physiology. 307, 11, p. F1215-F1226

Impaired Cyclooxygenase-2 Expression Leads to Aggravated Renal Fibrosis in Response to Unilateral Ureteral Obstruction in Mice

Madsen, K., Tofteng, S. S., Nilsson, L., Jensen, B. L. & Nørregaard, R., Nov 2014, In: Journal of the American Society of Nephrology. 25, p. 728A 1 p., SA-PO405.

Lithium induces microcysts and polyuria in adolescent rat kidney independent of cyclooxygenase-2

Kjærsgaard, G., Madsen, K., Marcussen, N. & Jensen, B. L., 1. Jan 2014, In: Physiological Reports. 2, 1, e00202.

Disruption of cyclooxygenase type 2 exacerbates the progression of oxidative stress during obstructive nephropathy

Nilsson, L., Madsen, K., Jensen, B. L. & Norregaard, R., 2014, In: The FASEB Journal. 28, 1, 1 p., 1134.2.

Impaired Cyclooxygenase-2 Expression Leads to Aggravated Renal Fibrosis in Response to Unilateral Ureteral Obstruction in Mice

Madsen, K., Tofteng, S. S., Nilsson, L., Jensen, B. L. & Nørregaard, R., 2014. 1 p.

Loss of collectrin, an angiotensin-converting enzyme 2 homolog, uncouples endothelial nitric oxide synthase and causes hypertension and vascular dysfunction

Cechova, S., Zeng, Q., Billaud, M., Mutchler, S., Rudy, C. K., Straub, A. C., Chi, L., Chan, F. R., Hu, J., Griffiths, R., Howell, N. L., Madsen, K., Jensen, B. L., Palmer, L. A., Carey, R. M., Sung, S.-S. J., Malakauskas, S. M., Isakson, B. E. & Le, T. H., 15. Oct 2013, In: Circulation. 128, 16, p. 1770-1780

Deletion of Cyclooxygenase-2 in the mouse increases arterial blood pressure with no impairment in renal NO production in response to chronic high salt intake

Staehr, M., Hansen, P. B. L., Madsen, K., Vanhoutte, P. M., Nüsing, R. M. & Jensen, B. L., 15. May 2013, In: American Journal of Physiology: Regulatory, Integrative and Comparative Physiology. 304, 10, p. R899-R907

Postnatal development of the renal medulla; role of the renin-angiotensin system

Madsen, K., Robdrup Tinning, A., Marcussen, N. & Jensen, B. L., May 2013, In: Acta Physiologica. 208, 1, p. 41-49

Inhibition of cyclooxygenase-2 does not ameliorate lithium-induced renal microcystic injury and polyuria in adolescent rat

Madsen, K., Jensen, B. L., Marcussen, N. & Kjærsgaard, G., 2013.

Nutritional intervention restores muscle but not kidney phenotypes in adult calcineurin α null mice

Madsen, K., Reddy, R. N., Price, S. R., Williams, C. R. & Gooch, J. L., 2013, In: PLOS ONE. 8, 4, p. e62503

Regulation of renin secretion by renal juxtaglomerular cells

Friis, U. G., Madsen, K., Stubbe, J., Hansen, P. B. L., Svenningsen, P., Bie, P., Skøtt, O. & Jensen, B. L., 2013, In: Pflügers Archiv - European Journal of Physiology. 465, 1, p. 25-37

Disruption of cyclooxygenase-2 prevents down-regulation of cortical AQP2 and AQP3 in response to bilateral ureteral obstruction in the mouse

Nilsson, L., Madsen, K., Topcu, S. O., Jensen, B. L., Frokiaer, J. & Norregaard, R., 2012, In: American Journal of Physiology: Renal Physiology. 302, 11, p. F1430-F1439

Tissue injury after lithium treatment in human and rat postnatal kidney involves glycogen synthase kinase 3 β -positive epithelium

Kjaersgaard, G., Madsen, K., Marcussen, N., Christensen, S., Walter, S. & Jensen, B. L., 2012, In: American Journal of Physiology: Renal Physiology. 302, 4, p. F455-F465

Structural Injury after Lithium Treatment in Human and Rat Kidney involves Glycogen Synthase Kinase-3 β Positive Epithelium

Kjærsgaard, G., Madsen, K., Marcussen, N., Christensen, S., Walther, S. & Jensen, B. L., 27. Mar 2011.

COX-2 disruption leads to increased central vasopressin stores and impaired urine concentrating ability in mice

Nørregaard, R., Madsen, K., Hansen, P. B. L., Bie, P., Thavalingam, S., Frøkiær, J. & Jensen, B. L., 2011, In: American Journal of Physiology: Renal Physiology. 301, 6, p. F1303-13

Disruption of COX-2 and eNOS does not confer protection from cardiovascular failure in lipopolysaccharide-treated conscious mice and isolated vascular rings

Stæhr, M., Madsen, K., Vanhoutte, P. M., Hansen, P. B. & Jensen, B. L., 2011, In: American Journal of Physiology: Regulatory, Integrative and Comparative Physiology. 301, 2, p. R412-20

Stimulation of Renin Secretion by Catecholamines Is Dependent on Adenylyl Cyclases 5 and 6

Aldehni, F., Tang, T., Madsen, K., Plattner, M., Schreiber, A., Friis, U. G., Hammond, H. K., Han, P. L. & Schweda, F., 2011, In: Hypertension. 57, 3, p. 460-U232

Targeted disruption of aquaporin - 1 leads to impaired recruitment of juxtaglomerular cells and lower plasma renin concentration in response to chronic stimulation

Madsen, K., 2011.

Lithium Impairs Kidney Development and Inhibits Glycogen Synthase Kinase-3 β in Collecting Duct Principal Cells

Kjærsgaard, G., Madsen, K., Marcussen, N. & Jensen, B. L., 18. Nov 2010.

Angiotensin II promotes development of the renal microcirculation through AT1 receptors

Madsen, K., Marcussen, N., Pedersen, M., Kjærsgaard, G., Facemire, C., Coffman, T. M. & Jensen, B. L., 1. Mar 2010, In: Journal of the American Society of Nephrology. 21, 3, p. 448-59 12 p.

Increased renin production in mice with deletion of peroxisome proliferator-activated receptor-gamma in juxtaglomerular cells

Desch, M., Schreiber, A., Schweda, F., Madsen, K., Friis, U. G., Weatherford, E. T., Sigmund, C. D., Sequeira Lopez, M. L., Gomez, R. A. & Todorov, V. T., 1. Mar 2010, In: Hypertension Frontier. 55, 3, p. 660-6 7 p.

High-level connexin expression in the human juxtaglomerular apparatus

Kurtz, L., Madsen, K., Kurt, B., Jensen, B. L., Walter, S., Banas, B., Wagner, C. & Kurtz, A., 1. Jan 2010, In: Nephron Physiology. 116, 1, p. 1-8

Inhibition of calcineurin phosphatase promotes exocytosis of renin from juxtaglomerular cells

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Apical serine protease activity is necessary for assembly of a high-resistance renal collecting duct epithelium

Steensgaard, M., Svenningsen, P., Tinning, A. R., Nielsen, T. D., Jørgensen, F., Kjærsgaard, G., Madsen, K. & Jensen, B. L., 2010, In: Acta Physiologica. 200, 4, p. 347-359

Hypotonicity-induced Renin exocytosis from juxtaglomerular cells requires aquaporin-1 and cyclooxygenase-2

Friis, U. G., Madsen, K., Svenningsen, P., Hansen, P. B. L., Gulaveerasingam, A., Jørgensen, F., Aalkjaer, C., Skøtt, O. & Jensen, B. L., 1. Oct 2009, In: Journal of the American Society of Nephrology. 20, 10, p. 2154-61 7 p.

Differential effects of immunosuppressive drugs on COX-2 activity in vitro and in kidney transplant patients in vivo

Jespersen, B., Thiesson, H., Henriksen, C., Therland, K., Falk, C., Poulsen, T., Fogh, B., Madsen, K., Walter, S. & Jensen, B. L., 1. May 2009, In: Nephrology Dialysis Transplantation. 24, 5, p. 1644-55 11 p.

The renin angiotensin system and kidney development: novel mechanisms of renin release and angiogenic function of angiotensin II

Madsen, K., 2009, Syddansk Universitet. Det Sundhedsvidenskabelige Fakultet.

Postnatal adrenalectomy impairs urinary concentrating ability by increased COX-2 and leads to renal medullary injury.

Stubbe, J., Madsen, K., Nielsen, F. T., Bonde, R. K., Skøtt, O. & Jensen, B. L., 1. Sept 2007, In: American Journal of Physiology: Renal Physiology. 293, 3, p. F780-F789 10 p.

Glucocorticoid impairs growth of kidney outer medulla and accelerates loop of Henle differentiation and urinary concentrating capacity in rat kidney development.

Stubbe, J., Madsen, K., Nielsen, F. T., Skøtt, O. & Jensen, B. L., 1. Oct 2006, In: American Journal of Physiology: Renal Physiology. 291, 4, p. F812-822 10 p.

Effects of lengthening contraction on calcium kinetics and skeletal muscle contractility in humans

Nielsen, J. S., Madsen, K., Jørgensen, L. V. & Sahlin, K., 2005, In: Acta Physiologica Scandinavica. 184, 3, p. 203-14

Low endogenous glucocorticoid allows induction of kidney cortical cyclooxygenase-2 during postnatal rat development

Madsen, K., Stubbe, J., Skøtt, O., Yang, T., Bachmann, S. & Jensen, B. L., 2004, In: American Journal of Physiology: Renal Physiology. 286, 1, p. f26-f37 11 p.