

## Employment

### Professor

Pharmacology  
MONASH UNIVERSITY  
1 Nov 2009 → present

### Monash Biomedicine Discovery Institute

MONASH UNIVERSITY  
1 Jan 2016 → present

## Research outputs

### **Percutaneous intrarenal transplantation of differentiated induced pluripotent stem cells into newborn mice**

Lau, R. W. K., Al-Rubaie, A., Saini, S., Wise, A. F. & Ricardo, S. D., 11 Feb 2020, (Accepted/In press) In : *Anatomical Record*. 10 p.

### **Renal epithelial cells retain primary cilia during human acute renal allograft rejection injury**

Verghese, E., Martelotto, L. G., Cain, J. E., Williams, T. M., Wise, A. F., Hill, P. A., Langham, R. G., Watkins, D. N., Ricardo, S. D. & Deane, J. A., 1 Nov 2019, In : *BMC Research Notes*. 12, 1, 5 p., 718.

### **MTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans**

Puelles, V. G., van der Wolde, J. W., Wanner, N., Scheppach, M. W., Cullen-McEwen, L. A., Bork, T., Lindenmeyer, M. T., Gernhold, L., Wong, M. N., Braun, F., Cohen, C. D., Kett, M. M., Kuppe, C., Kramann, R., Saritas, T., Van Roeyen, C. R., Moeller, M. J., Tribolet, L., Rebello, R., Sun, Y. B. Y. & 13 others, Li, J., Müller-Newen, G., Hughson, M. D., Hoy, W. E., Person, F., Wiech, T., Ricardo, S. D., Kerr, P. G., Denton, K. M., Furic, L., Huber, T. B., Nikolic-Paterson, D. J. & Bertram, J. F., 19 Sep 2019, In : *JCI Insight*. 4, 18, 18 p., e99271.

### **The use of live cell imaging and automated image analysis to assist with determining optimal parameters for angiogenic assay in vitro**

Huuskes, B. M., DeBuque, R. J., Kerr, P. G., Samuel, C. S. & Ricardo, S. D., 10 Apr 2019, In : *Frontiers in Cell and Developmental Biology*. 7, 14 p., 45.

### **The use of targeted next generation sequencing to explore candidate regulators of TGF- $\beta$ 1's impact on kidney cells**

Wang, B., Ji, G., Naeem, H., Wang, J., Kantharidis, P., Powell, D. & Ricardo, S. D., Dec 2018, In : *Frontiers in Physiology*. 9, 14 p., 1755.

### **Gene editing of stem cells for kidney disease modelling and therapeutic intervention**

Lau, R. W. K., Wang, B. & Ricardo, S. D., 1 Nov 2018, In : *Nephrology*. 23, 11, p. 981-990 10 p.

### **Induced pluripotent stem cell-derived podocyte-like cells as models for assessing mechanisms underlying heritable disease phenotype: Initial studies using two alport syndrome patient lines indicate impaired potassium channel activity**

Haynes, J. M., Selby, J. N., Vandekolk, T. H., Abad, I. P. L., Ho, J. K., Lieuw, W-L., Leach, K., Savige, J., Saini, S., Fisher, C. L. & Ricardo, S. D., 1 Nov 2018, In : *Journal of Pharmacology and Experimental Therapeutics*. 367, 2, p. 335-347 13 p.

### **The use of hydrogels for cell-based treatment of chronic kidney disease**

McFetridge, M. L., Del Borgo, M. P., Aguilar, M-I. & Ricardo, S. D., 14 Sep 2018, In : *Clinical Science*. 132, 17, p. 1977-1994 18 p.

### **The therapeutic effect of mesenchymal stem cells on pulmonary myeloid cells following neonatal hyperoxic lung injury in mice**

Al-Rubaie, A., Wise, A. F., Sozo, F., De Matteo, R., Samuel, C. S., Harding, R. & Ricardo, S. D., 8 Jun 2018, In : *Respiratory Research*. 19, 1, 11 p., 114.

**Phenotype and influx kinetics of leukocytes and inflammatory cytokine production in kidney ischemia/reperfusion injury**  
Williams, T. M., Wise, A. F., Layton, D. S. & Ricardo, S. D., 1 Jan 2018, In : *Nephrology*. 23, 1, p. 75-85 11 p.

**Endothelial Progenitor Cells and Vascular Health in Dialysis Patients**

Huuskes, B. M., DeBuque, R. J., Polkinghorne, K. R., Samuel, C. S., Kerr, P. G. & Ricardo, S. D., Jan 2018, In : *Kidney International Reports*. 3, 1, p. 205-211 7 p.

**Effects of antenatal melatonin therapy on lung structure in growth-restricted newborn lambs**

Polglase, G. R., Barbuto, J., Allison, B. J., Yawno, T., Sutherland, A. E., Malhotra, A., Schulze, K. E., Wallace, E. M., Jenkin, G., Ricardo, S. D. & Miller, S. L., 1 Nov 2017, In : *Journal of Applied Physiology*. 123, 5, p. 1195-1203 9 p.

**Cell-based therapies for tissue fibrosis**

Lim, R., Ricardo, S. D. & Sievert, W., 22 Sep 2017, In : *Frontiers in Pharmacology*. 8, 8 p., 633.

**The Chemical Chaperone, PBA, Reduces ER Stress and Autophagy and Increases Collagen IV  $\alpha 5$  Expression in Cultured Fibroblasts From Men With X-Linked Alport Syndrome and Missense Mutations**

Wang, D., Mohammad, M., Wang, Y., Tan, R., Murray, L. S., Ricardo, S., Dagher, H., van Agtmael, T. & Savige, J., 1 Jul 2017, In : *Kidney International Reports*. 2, 4, p. 739-748 10 p.

**Mesenchymal stromal cells targeting kidney disease: Benefits of a combined therapeutic approach**

Huuskes, B. M. & Ricardo, S. D., 2017, *The Biology and Therapeutic Application of Mesenchymal Cells*. Hoboken, New Jersey: John Wiley & Sons, p. 754-769 16 p.

**miR-378 reduces mesangial hypertrophy and kidney tubular fibrosis via MAPK signalling**

Wang, B., Yao, K., Wise, A. F., Lau, R., Shen, H-H., Tesch, G. H. & Ricardo, S. D., 2017, In : *Clinical Science*. 131, 5, p. 411-423 13 p.

**Renal cellular hypoxia in adenine-induced chronic kidney disease**

Fong, D., Ullah, M. M., Lal, J. G., Abdelkader, A., Ow, C. P. C., Hilliard, L. M., Ricardo, S. D., Kelly, D. J. & Evans, R. G., 1 Oct 2016, In : *Clinical and Experimental Pharmacology and Physiology*. 43, 10, p. 896-905 10 p.

**Mesenchymal stem cells as novel micro-ribonucleic acid delivery vehicles in kidney disease**

Yao, K. & Ricardo, S. D., 1 May 2016, In : *Nephrology*. 21, 5, p. 363-371 9 p.

**Human mesenchymal stem cells alter the gene profile of monocytes from patients with Type 2 diabetes and end-stage renal disease**

Wise, A. F., Williams, T. M., Rudd, S. A., Wells, C. A., Kerr, P. G. & Ricardo, S. D., 2 Mar 2016, In : *Regenerative Medicine*. 11, 2, p. 145-158 14 p.

**Inpp5e suppresses polycystic kidney disease via inhibition of PI3K/Akt-dependent mTORC1 signaling**

Hakim, S., Dyson, J. M., Feeney, S. J., Davies, E. M., Sriratana, A., Koenig, M. N., Plotnikova, O., Smyth, I. M., Ricardo, S. D., Hobbs, R. M. & Mitchell, C. A., 2016, In : *Human Molecular Genetics*. 25, 11, p. 2295-2313 19 p.

**Mesenchymal stem cells deliver exogenous microRNA-let7c via exosomes to attenuate renal fibrosis**

Wang, B., Yao, K., Huuskes, B. M., Shen, H-H., Zhuang, J., Godson, C., Brennan, E. P., Wilkinson-Berka, J. L., Wise, A. F. & Ricardo, S. D., 2016, In : *Molecular Therapy*. 24, 7, p. 1290-1301 12 p.

**Patient-Derived Induced Pluripotent Stem Cells to Target Kidney Disease**

Barnes, F. J. & Ricardo, S. D., 2016, *Kidney Development, Disease, Repair and Regeneration*. Little, M. H. (ed.). 1st ed. London UK: Academia Press, p. 491-505 15 p.

**Serelaxin improves the therapeutic efficacy of RXFP1-expressing human amnion epithelial cells in experimental allergic airway disease**

Royce, S. G., Tominaga, A. M., Shen, M., Patel, K. P., Huuskes, B., Lim, R., Ricardo, S. D. & Samuel, C. S., 2016, In : *Clinical Science*. 130, 23, p. 2151-2165 15 p.

**Combination therapy of mesenchymal stem cells and serelaxin effectively attenuates renal fibrosis in obstructive nephropathy**

Huuskes, B., Wise, A. F., Cox, A. J., Lim, E. X. F., Payne, N. L., Kelly, D. J., Samuel, C. S. & Ricardo, S. D., 2015, In : The FASEB Journal. 29, 2, p. 540 - 553 14 p.

**M2 macrophage accumulation in the aortic wall during angiotensin II infusion in mice is associated with fibrosis, elastin loss, and elevated blood pressure**

Moore, J. P., Vinh, A., Tuck, K. L., Sakkal, S., Krishnan, S., Chan, C., Lieu, M., Samuel, C. S., Diep, H., Harper, B. K., Tare, M., Ricardo, S. D., Guzik, T. J., Sobey, C. G. & Drummond, G. R., 2015, In : American Journal of Physiology - Heart and Circulatory Physiology. 309, 5, p. 906 - 917 12 p.

**Mesenchymal stem cells and serelaxin synergistically abrogate established airway fibrosis in an experimental model of chronic allergic airways disease**

Royce, S. G., Shen, M., Patel, K. P., Huuskes, B., Ricardo, S. D. & Samuel, C. S., 2015, In : Stem Cell Research. 15, 3, p. 495 - 505 11 p.

**Establishing the flow cytometric assessment of myeloid cells in kidney ischemia/reperfusion injury**

Williams, T. M., Wise, A. F., Alikhan, M., Layton, D. S. & Ricardo, S. D., 2014, In : Cytometry Part A. 85, 3, p. 256 - 267 12 p.

**Human mesenchymal stem cells alter macrophage phenotype and promote regeneration via homing to the kidney following ischemia-reperfusion injury**

Wise, A. F., Williams, T. M., Kiewiet, M. B. G., Payne, N. L., Siatskas, C., Samuel, C. S. & Ricardo, S. D., 2014, In : American Journal of Physiology-Renal Physiology. 306, 10, p. 1222 - 1235 14 p.

**Role of microRNA machinery in kidney fibrosis**

Wang, B. & Ricardo, S. D., 2014, In : Clinical and Experimental Pharmacology and Physiology. 41, 8, p. 543 - 550 8 p.

**The effect of CSF-1 administration on lung maturation in a mouse model of neonatal hyperoxia exposure**

Jones, C. V., Alikhan, M. A., O'Reilly, M., Sozo, F., Williams, T., Harding, R. L., Jenkin, G. & Ricardo, S. D., 2014, In : Respiratory Research. 15, 1, p. 1 - 14 14 p., 110.

**A flow cytometric method for the analysis of macrophages in the vascular wall**

Moore, J., Sakkal, S., Bullen, M. L., Harper, B. K., Ricardo, S. D., Sobey, C. G. & Drummond, G. R., 2013, In : Journal of Immunological Methods. 396, 1-2, p. 33 - 43 11 p.

**Does a nephron deficit exacerbate the renal and cardiovascular effects of obesity?**

Gurusinghe, S., Brown, R. D., Cai, X., Samuel, C. S., Ricardo, S. D., Thomas, M. C. & Kett, M. M., 2013, In : PLoS ONE. 8, 9, 8 p., e73095.

**Human kidney cell reprogramming: applications for disease modeling and personalized medicine**

O'Neill, A. C. & Ricardo, S. D., 2013, In : Journal of the American Society of Nephrology. 24, 9, p. 1347 - 1356 10 p.

**M2 macrophage polarisation is associated with alveolar formation during postnatal lung development**

Jones, C., Williams, T. M., Walker, K. A., Dickinson, H., Sakkal, S., Rumballe, B. A., Little, M. H., Jenkin, G. & Ricardo, S. D., 2013, In : Respiratory Research. 14, 1, p. 1 - 14 14 p., 41.

**Macrophages and CSF-1: implications for development and beyond**

Jones, C. & Ricardo, S. D., 2013, In : Organogenesis. 9, 4, p. 249 - 260 12 p.

**Mononuclear phagocyte system in kidney disease and repair**

Alikhan, M. & Ricardo, S. D., 2013, In : Nephrology. 18, 2, p. 81 - 91 11 p.

### **Visualizing renal primary cilia**

Deane, J. A., Verghese, E., Martelotto, L. G., Cain, J., Galtseva, A., Rosenblum, N. D., Watkins, D. N. & Ricardo, S. D., 2013, In : *Nephrology*. 18, 3, p. 161 - 168 8 p.

### **Chronic treatment with tempol does not significantly ameliorate renal tissue hypoxia or disease progression in a rodent model of polycystic kidney disease**

Ding, A., Kalaighanasundaram, P., Ricardo, S. D., Abdelkader, A., Witting, P. K., Broughton, B. RS., Kim, H. B., Wyse, B. F., Phillips, J. K. & Evans, R. G., 2012, In : *Clinical and Experimental Pharmacology and Physiology*. 39, 11, p. 917 - 929 13 p.

### **Emerging roles for renal primary cilia in epithelial repair**

Deane, J. & Ricardo, S., 2012, In : *International Review of Cell and Molecular Biology*. 293, p. 169 - 193 25 p.

### **Mesenchymal stem cells in kidney Inflammation and repair**

Wise, A. & Ricardo, S., 2012, In : *Nephrology*. 17, 1, p. 1 - 10 10 p.

### **Neural differentiation of patient specific iPS cells as a novel approach to study the pathophysiology of multiple sclerosis**

Song, B., Sun, G., Herszfeld, D., Sylvain, A., Campanale, N. V., Hirst, C. E., Caine, S., Parkington, H. C., Tonta, M. A., Coleman, H. A., Short, M. A., Ricardo, S. D., Reubinoff, B. & Bernard, C. C. A., 2012, In : *Stem Cell Research*. 8, 2, p. 259 - 273 15 p.

### **Reversal of vascular macrophage accumulation and hypertension by a CCR2 antagonist in deoxycorticosterone/salt-treated mice**

Chan, C., Moore, J., Budzyn, K., Guida, E., Diep, H., Vinh, A., Jones, E. S., Widdop, R. E., Armitage, J. A., Sakkal, S., Ricardo, S. D., Sobey, C. G. & Drummond, G. R., 2012, In : *Hypertension*. 60, 5, p. 1207 - 1212 6 p.

### **The directed differentiation of human iPS cells into kidney podocytes**

Song, B., Smink, A., Jones, C., Callaghan, J. M., Firth, S. D., Bernard, C. CA., Laslett, A. L., Kerr, P. G. & Ricardo, S. D., 2012, In : *PLoS ONE*. 7, 9, 9 p., e46453.

### **The fate of bone marrow-derived cells carrying a polycystic kidney disease mutation in the genetically normal kidney**

Verghese, E., Johnson, C. J., Bertram, J. F., Ricardo, S. D. & Deane, J. A., 2012, In : *BMC Nephrology*. 13, 1 (Art. No.: 91), p. 1 - 11 11 p.

### **The primordial follicle reserve is not renewed after chemical or gamma-irradiation mediated depletion**

Kerr, J. B., Brogan, L., Myers, M., Hutt, K. J., Mladenovska, T., Ricardo, S. D., Hamza, K., Scott, C. L., Strasser, A. & Findlay, J. K., 2012, In : *Reproduction*. 143, 4, p. 469 - 476 8 p.

### **Regenerative Nephrology, Book Review**

Ricardo, S. D., May 2011, In : *Nephrology*. 16, 4, p. 455-455 1 p.

### **Colony-stimulating factor-1 promotes kidney growth and repair via alteration of macrophage responses**

Alikhan, M., Jones, C., Williams, T., Beckhouse, A., Fletcher, A., Kett, M., Sakkal, S., Samuel, C. S., Ramsay, R., Deane, J., Wells, C., Little, M., Hume, D. & Ricardo, S., 2011, In : *American Journal of Pathology*. 179, 3, p. 1243 - 1256 14 p.

### **Generation of induced pluripotent stem cells from human kidney mesangial cells**

Song, B., Niclis, J., Alikhan, M., Sakkal, S., Sylvain, A., Kerr, P., Laslett, A., Bernard, C. & Ricardo, S., 2011, In : *Journal of the American Society of Nephrology*. 22, 7, p. 1213 - 1220 8 p.

### **In vitro investigation of renal epithelial injury suggests that primary cilium length is regulated by hypoxia-inducible mechanisms**

Verghese, E., Zhuang, J., Saiti, D., Ricardo, S. D. & Deane, J. A., 2011, In : *Cell Biology International*. 35, 9, p. 909 - 913 5 p.

**Blockade of endothelial-mesenchymal transition by a Smad3 inhibitor delays the early development of streptozotocin-induced diabetic nephropathy**

Li, J., Qu, X., Yao, J. J., Caruana, G., Ricardo, S. D., Yamamoto, Y., Yamamoto, H. & Bertram, J. F., 2010, In : *Diabetes*. 59, 10, p. 2612 - 2624 13 p.

**Macrophages in renal development, injury, and repair**

Williams, T. M., Little, M. H. & Ricardo, S. D., 2010, In : *Seminars in Nephrology*. 30, 3, p. 255 - 267 13 p.

**Resveratrol inhibits renal fibrosis in the obstructed kidney: Potential role in deacetylation of Smad3**

Li, J., Qu, X., Ricardo, S. D., Bertram, J. F. & Nikolic-Paterson, D. J., 2010, In : *American Journal of Pathology*. 177, 3, p. 1065 - 1071 7 p.

**SCUBE1, a novel developmental gene involved in renal regeneration and repair**

Zhuang, J., Deane, J. A., Yang, R-B., Li, J. & Ricardo, S. D., 2010, In : *Nephrology Dialysis Transplantation*. 25, p. 1421 - 1428 7 p.

**Subfractionation of differentiating human embryonic stem cell populations allows the isolation of a mesodermal population enriched for intermediate mesoderm and putative renal progenitors**

Lin, S. A., Kolle, G., Grimmond, S. M., Zhou, Q., Doust, E., Little, M. H., Aronow, B., Ricardo, S. D., Pera, M. F., Bertram, J. F. & Laslett, A. L., 2010, In : *Stem Cells and Development*. 19, 10, p. 1637 - 1648 12 p.

**Renal primary cilia lengthen after acute tubular necrosis**

Vergheze, E., Ricardo, S. D., Weidenfeld, R., Zhuang, J., Hill, P. A., Langham, R. G. & Deane, J. A., 2009, In : *Journal of the American Society of Nephrology*. 20, 10, p. 2147 - 2153 7 p.

**Alterations in renal cilium length during transient complete ureteral obstruction in the mouse**

Wang, L., Weidenfeld, R., Vergheze, E., Ricardo, S. D. & Deane, J. A., 2008, In : *Journal of Anatomy*. 213, 2, p. 79 - 85 7 p.

**Macrophage diversity in renal injury and repair**

Ricardo, S. D., Van Goor, H. & Eddy, A. A., 2008, In : *Journal of Clinical Investigation*. 118, 11, p. 3522 - 3530 9 p.

**Renal Cilia display length alterations following tubular injury and are present early in epithelial repair**

Vergheze, E., Weidenfeld, R., Bertram, J. F., Ricardo, S. D. & Deane, J. A., 2008, In : *Nephrology Dialysis Transplantation*. 23, p. 834 - 841 7 p.

**Characterisation and trophic functions of murine embryonic macrophages based upon the use of a Csf1r-EGFP transgene reporter**

Rae, F., Woods, K., Sasmono, T., Campanale, N. V., Taylor, D., Ovchinnikov, D. A., Grimmond, S. M., Hume, D. A., Ricardo, S. D. & Little, M. H., 2007, In : *Developmental Biology*. 308, 1, p. 232 - 246 15 p.

**Polycystic kidney disease and the renal cilium (Review Article)**

Deane, J. A. & Ricardo, S. D., 2007, In : *Nephrology*. 12, 6, p. 559 - 564 6 p.

**The contribution of bone marrow-derived cells to the development of renal interstitial fibrosis**

Li, J., Deane, J. A., Campanale, N. V., Bertram, J. F. & Ricardo, S. D., 2007, In : *Stem Cells*. 25, 3, p. 697 - 706 10 p.

**Blockade of p38 mitogen-activated protein kinase and TGF-beta1/Smad signaling pathways rescues bone marrow-derived peritubular capillary endothelial cells in adriamycin-induced nephrosis**

Li, J., Deane, J. A., Campanale, N. V., Bertram, J. F. & Ricardo, S. D., 2006, In : *Journal of the American Society of Nephrology*. 17, 10, p. 2799 - 2811 13 p.

**Inhibition of p38 mitogen-activated protein kinase and transforming growth factor-beta1/Smad signaling pathways modulates the development of fibrosis in adriamycin-induced nephropathy**

Li, J., Campanale, N. V., Liang, R. J., Deane, J. A., Bertram, J. F. & Ricardo, S. D., 2006, In : American Journal of Pathology. 169, 5, p. 1527 - 1540 14 p.

**Kidney side population reveals multilineage potential and renal functional capacity but also cellular heterogeneity**

Challen, G., Bertoncello, I., Deane, J., Ricardo, S. & Little, M., 2006, In : Journal of the American Society of Nephrology. 17, 7, p. 1896 - 1912 17 p.

**Modulation and redistribution of proteinase inhibitor 8 (Serpinb8) during kidney regeneration**

Gillard, A., Scarff, K. L., Loveland, K. A. L., Ricardo, S. D. & Bird, P. I., 2006, In : American Journal of Nephrology. 26, 1, p. 34 - 42 9 p.

**A stereological study of the renal glomerular vasculature in the db/db mouse model of diabetic nephropathy**

Guo, M., Ricardo, S. D., Deane, J. A., Shi, M., Cullen-McEwen, L. A. & Bertram, J. F., 2005, In : Journal of Anatomy. 207, 6, p. 813 - 821 9 p.

**Adult stem cells in renal injury and repair**

Ricardo, S. D. & Deane, J. A., 2005, In : Nephrology. 10, 3, p. 276 - 282 7 p.

**Modulation of osteopontin in proteinuria-induced renal interstitial fibrosis**

Kramer, A., Ricardo, S. D., Kelly, D. J., Waanders, F., Van Goor, H. & Gerjan, N., 2005, In : Journal of Pathology. 207, p. 483 - 492 10 p.

**Neonatal calyceal dilation and renal fibrosis resulting from loss of Adamts-1 in mouse kidney is due to a developmental dysgenesis**

Mittaz, L., Ricardo, S. D., Martinez, G., Kola, I., Kelly, D. J., Little, M. H., Hertzog, P. J. & Pritchard, M. A., 2005, In : Nephrology Dialysis Transplantation. 20, p. 419 - 423 5 p.

**Renal structural and functional repair in a mouse model of reversal of ureteral obstruction**

Cochrane, A. L., Kett, M. M., Samuel, C. S., Campanale, N. V., Anderson, W. P., Hume, D. A., Little, M. H., Bertram, J. F. & Ricardo, S. D., 2005, In : Journal of the American Society of Nephrology. 16, p. 3623 - 3630 8 p.

**A major site of expression of the ets transcription factor Elf5 is epithelia of exocrine glands**

Lapinskas, E. J., Palmer, J., Ricardo, S. D., Hertzog, P. J., Hammacher, A. & Pritchard, M. A., 2004, In : Histochemistry and Cell Biology. 122, 6, p. 521 - 526 6 p.

**Oxidant stress and regulation of chemokines in the development of renal interstitial fibrosis**

Cochrane, A. L. & Ricardo, S. D., 2003, *Renal Fibrosis*. Razaque, M. S. & Taguchi, T. (eds.). 139 ed. Basel Switzerland: Karger, p. 102 - 119 18 p.

**Reduced nephron number in adult sheep, hypertensive as a result of prenatal glucocorticoid treatment**

Wintour, E. M., Moritz, K. M., Johnson, K., Ricardo, S. D., Samuel, C. S. & Dodic, M., 2003, In : The Journal of Physiology. 549, 3, p. 929 - 935 7 p.

**Erratum: Increased renal expression of monocyte chemoattractant protein-1 and osteopontin in ADPKD in rats (Kidney International (2001) 60 (2087-2096))**

Cowley, B. D., Ricardo, S. D., Nagao, S. & Diamond, J. R., 1 Jan 2002, In : Kidney International. 62, 1, 1 p.

**Progression of tubulointerstitial injury by osteopontin-induced macrophage recruitment in advanced diabetic nephropathy of transgenic (mRen-2) 27 rats**

Kelly, D. J., Wilkinson-Berka, J. L., Ricardo, S. D., Cox, A. J. & Gilbert, R. E., 2002, In : Nephrology Dialysis Transplantation. 17, p. 985 - 991 7 p.

**The Development of Oxidant Stress in Renal Interstitial Fibrosis: Role of Angiotensin II**

Ricardo, S. D. & Cochrane, A., 2002, In : Free Radical Biology and Medicine. 33, 1, p. 281 - 288 8 p.

**Increased renal expression of monocyte chemoattractant protein-1 and osteopontin in ADPKD in rats**

Cowley, B. D., Ricardo, S. D., Nagao, S. & Diamond, J. R., 2001, In : Kidney International. 60, 6, p. 2087 - 2096 10 p.

**Angiotensinogen and AT1 antisense inhibition of osteopontin translation in rat proximal tubular cells**

Ricardo, S. D., Franzoni, D. F., Roesener, C. D., Crisman, J. M. & Diamond, J. R., 1 May 2000, In : American Journal of Physiology-Renal Physiology. 278, 5 47-5

**Chemokines and renal inflammation in proteinuric disorders: Searching for the inciting stimulus**

Crisman, J. M., Ricardo, S. D. & Diamond, J. R., 1 Jan 1999, In : Journal of Laboratory and Clinical Medicine. 133, 1, p. 13-14 2 p.

**Mechanisms of interstitial fibrosis in obstructive nephropathy**

Diamond, J. R., Ricardo, S. D. & Klahr, S., 17 Nov 1998, In : Seminars in Nephrology. 18, 6, p. 594-602 9 p.

**The role of macrophages and reactive oxygen species in experimental hydronephrosis**

Ricardo, S. D. & Diamond, J. R., 17 Nov 1998, In : Seminars in Nephrology. 18, 6, p. 612-621 10 p.

**Regulation of proximal tubular osteopontin in experimental hydronephrosis in the rat**

Diamond, J. R., Kreisberg, R., Evans, R., Nguyen, T. A. & Ricardo, S. D., 1 Jan 1998, In : Kidney International. 54, 5, p. 1501-1509 9 p.

**Antioxidant expression in experimental hydronephrosis: Role of mechanical stretch and growth factors**

Ricardo, S. D., Ding, G., Eufemio, M. & Diamond, J. R., 1 Dec 1997, In : American Journal of Physiology. 272, 6

**Hypercholesterolemia and progressive kidney disease: The role of macrophages and macrophage-derived products**

Ricardo, S. D., Van Goor, H. & Diamond, J. R., 1 Dec 1997, In : Contributions To Nephrology. 120, p. 197-209 13 p.

**Antioxidant expression in experimental hydronephrosis: Role of mechanical stretch and growth factors**

Ricardo, S. D., Ding, G., Eufemio, M. & Diamond, J. R., 22 Sep 1997, In : American Journal of Physiology-Renal Physiology. 272, 6 41-6, p. 789-798 10 p.

**Increased expression of decorin in experimental hydronephrosis**

Diamond, J. R., Levinson, M., Kreisberg, R. & Ricardo, S. D., 1 Jan 1997, In : Kidney International. 51, 4, p. 1133-1139 7 p.

**Oxidized LDL stimulates the expression of TGF- $\beta$  and fibronectin in human glomerular epithelial cells**

Ding, G., Van Goor, H., Ricardo, S. D., Orłowski, J. M. & Diamond, J. R., 1 Jan 1997, In : Kidney International. 51, 1, p. 147-154 8 p.

**The tubulointerstitium as a target**

Ricardo, S. D. & Diamond, J. R., 1997, *Comprehensive Toxicology*. Goldstein, R. (ed.). New York: Pergamon, p. 299-316 18 p.

**Expression of subunits of the metalloendopeptidase meprin in renal cortex in experimental hydronephrosis**

Ricardo, S. D., Bond, J. S., Johnson, G. D., Kaspar, J. & Diamond, J. R., 1 Dec 1996, In : American Journal of Physiology. 270, 4

**Expression of adhesion molecules in rat renal cortex during experimental hydronephrosis**

Ricardo, S. D., Levinson, M. E., DeJoseph, M. R. & Diamond, J. R., 1 Jan 1996, In : Kidney International. 50, 6, p. 2002-2010 9 p.

**Section review: Cardiovascular & renal: Inhibition of macrophage function as a potential therapeutic strategy for the treatment of renal disease**

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