Curriculum Vitae

Personal information

Johan Sällström

Work experience

1. Employer: Karolinska Institute
   - Start date: 052010
   - End date: 052014
   - Position: Post doctoral fellow
   - Activities:
   - Country: Sweden
2. Employer: AstraZeneca
   - Start date: 042011
   - End date: 032012
   - Position: Study Manager
   - Activities:
   - Country: Sweden
3. Employer: Swedish Medical Products Agency
   - Start date: 052014
   - End date: 092019
   - Position: Assessor (medical devices)
   - Activities:
   - Country: Sweden
4. Employer: Swedish Medical Products Agency
   - Start date: 092019
   - End date:
   - Position: Clinical assessor
   - Activities:
   - Country: Sweden

Education and training

1. Subject: Uppsala University
   - Start date: 011999
   - End date: 052006
   - Qualification: M Sc Pharm
   - Organisation:
   - Country:
2. Subject: Uppsala University
   - Start date: 012004
   - End date: 032010
   - Qualification: PhD (medicine)
   - Organisation:
   - Country: Sweden

Additional information

Publications

Bamberg K et al. Electrolyte handling in the isolated perfused rat kidney: demonstration of vasopressin V2_receptor_dependent calcium reabsorption. Ups J Med Sci.125: 274_280, 2020.

Yang T et al. Genetic Abrogation of Adenosine A3 Receptor Prevents Uninephrectomy and High Salt_Induced Hypertension. J Am Heart Assoc. 5: e003868, 2016.

Patzak A et al. Diadenosine pentaphosphate modulates glomerular arteriolar tone and glomerular filtration rate. Acta Physiol (Oxf). 213(1): 285_93, 2015.

Sällström J et al. Pharmacokinetic_pharmacodynamic modeling of QRSprolongation by flecainide: Heart rate_dependent effects during sinus rhythm in conscious telemetered dogs. J Pharmacol Toxicol Methods. 69(1): 24_9, 2014.

Sällström J et al. Inhibition of sodium_linked glucose reabsorption normalizes diabetes_induced glomerular hyperfiltration in conscious adenosine A1_ receptor deficient mice. Acta Physiol (oxf). 210(2):440_5, 2014.

Sällström J et al. Impaired EphA4 signaling leads to congenital hydronephrosis, renal injury and hypertension. Am J Physiol Renal Physiol. 305: F71_9, 2013.

Sällström J & Fridén M. Simultaneous determination of renal plasma flow and glomerular filtration rate in conscious mice using dual bolus injection. J Pharmacol Toxicol Methods. 67: 187_193, 2013.

Mittag J et al. Thyroid hormone is required for hypothalamic neurons regulating cardiovascular functions. J Clin Invest. 123: 509_16, 2013.

Al_Hashmi S et al. Busulphan_cyclophosphamide cause endothelial injury, remodeling of resistance arteries and enhanced expression of endothelial nitric oxide synthase. PLoS One. 7(1): e30897, 2012.

Gao X et al. Adenosine A1_receptor deficiency diminishes afferent arteriolar and blood pressure responses during

nitric oxide inhibition and angiotensin II treatment. Am J Physiol Regul Integr Comp Physiol. 201: R1669_81, 2011.

Sällström J et al. High protein_induced glomerular hyperfiltration is independent of the tubuloglomerular feedback mechanism and nitric oxide synthases. Am J Physiol Regul Integr Comp Physiol. 299: R1263_8, 2010.

Sällström J et al. Neuronal nitric oxide synthase supports renin release during sodium restriction through inhibition of phosphodiesterase 3. Am J Hypertens. 23: 1241_6, 2010.

Carlström M et al. SOD1 deficiency causes salt sensitivity and aggravates hypertension in hydronephrosis. Am J Physiol Regul Integr Comp Physiol. 297: R82_92, 2009.

Stridh S et al. C_Peptide Normalizes Glomerular Filtration Rate in Hyperfiltrating Conscious Diabetic Rats. Adv Exp Med Biol. 645: 219_25, 2009.

Sällström J et al. Neuronal nitric oxide synthase_deficient mice have impaired renin release but normal blood pressure. Am J Hypertens. 21:116_6, 2008.

Carlström M et al. Role of nitric oxide deficiency in the development of hypertension in hydronephrotic animals. Am J Physiol Renal Physiol. 294: F362_70, 2008.

Sällström J et al. Diabetes_induced hyperfiltration in adenosine A1_receptor deficient mice lacking the tubuloglomerular feedback mechanism. Acta Physiol (Oxf). 190: 253_9, 2007.

Carlström M et al. Uninephrectomy in young age or chronic salt loading causes salt_sensitive hypertension in adult rats. Hypertension. 49:1342_50, 2007.

Carlström M et al. Hydronephrosis causes saltsensitive hypertension and impaired renal concentrating ability in mice. Acta Physiol (Oxf). 189:293_301, 2007.

Carlström M et al. Hydronephrosis causes saltsensitive hypertension in rats. J Hypertens. 24:1437_43, 2006.

Brown RD et al. The influence of the adenosine A1_receptor on blood pressure regulation and renin release. Am J Physiol Regul Integr Comp Physiol 290:R1324_9, 2006.

Projects

Memberships

Scandinavian Physiological Society (member)

Other Relevant Information