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**Ascending Aorta Validation**


**Ascending Aorta Applications**


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Rat Publication References


Abdominal Aorta Validation


Abdominal Aorta Applications


**Carotid Applications**


Coeliac Applications


Coronary a.


Femoral Applications


Rat Publication References

2000. (rat, femoral, mesenteric, chronic)


1289A Laughlin MH, Schrage WG. "Effects of muscle contraction on skeletal muscle blood flow: when is there a muscle pump?" Med Sci Sports Exerc 1999 Jul;31(7):1027-35. (rat, femoral a./v., acute)


Gastric Applications


Hepatic/Portal Validations

Hepatic/Portal Applications


Iliac Validations


Iliac Applications


Isolated Heart


2880A Riess ML, Novalija E, Camara AK, Eells JT, Chen Q, Stowe DF, "Preconditioning with sevoflurane reduces changes in nicotinamide adenine dinucleotide during ischemia-reperfusion in isolated hearts: reversal by 5-hydroxydecanoic acid," Anesthesiology. 2003 Feb;98(2):379-95. (rat, isolated heart)


2364A Horn, M., Remkes, H., Stromer, H., Dienesch, C., Neubauer, S., "Chronic phosphocreatine depletion by the creatine and


Isolated Kidney


Isolated Liver Applications


3048A Lee SM, Clemens MG, " Glucagon increases gap junctional intercellular communication via cAMP in the isolated perfused rat liver." Shock. 2004 Jul;22(1):82-7. (isolated liver)


Isolated Lung Applications
Rat Publication References


Mesenteric Validation


Mesenteric Applications


Rat Publication References


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal Information</th>
<th>Details</th>
</tr>
</thead>
</table>


Pulmonary Artery/Transplant Models


Renal Validations


Renal Applications


2765A Racasan S, Joles JA, Boer P, Koornans HA, Braam B., “NO dependency of RBF and autoregulation in the spontaneous-
Rat Publication References


2471A van Dijk, S.J., SPecht, P.A.C., Jacob, H.J., Provoost, A.P., "Impaired renal blood flow autoregulation in ACI.FHHH-Rf6B


2238A Roald, A.B., Ofstrad, J., Iversen, B.M., "Attenuated buffering of renal perfusion pressure variation in juxtamedullary cor-
<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2124A</td>
<td>Christiansen, R.E., Roald, A.B., Gjerstad, C., Tenstad, O., Iversen, B.M.</td>
<td>Kidney Blood Pressure Res</td>
<td>24</td>
<td>3</td>
<td>176-84</td>
<td>2001</td>
<td>(rat, renal a., acute)</td>
</tr>
<tr>
<td>2118A</td>
<td>Paizao, A.D., Maciel, C.R., Teles, M.B., Figueiredo-Silava, J.</td>
<td>Biol Neonate</td>
<td>80</td>
<td>3</td>
<td>239-46</td>
<td>2001</td>
<td>(rat, renal a., acute)</td>
</tr>
<tr>
<td>2053A</td>
<td>Jackson, E.K., Herzer, W.A.</td>
<td>J Pharmacol Exp Ther</td>
<td>297</td>
<td>2</td>
<td>736-45</td>
<td>2001</td>
<td>(rat, renal a., superior mesenteric a., acute)</td>
</tr>
<tr>
<td>1893A</td>
<td>Wen, C., Fraser, T., Li, M., Turner, S.W., Whitworth, J.A.</td>
<td>J Hypertension</td>
<td>17</td>
<td>12Pt1</td>
<td>1715-23</td>
<td>1999</td>
<td>(rat, renal a., chronic)</td>
</tr>
<tr>
<td>1872A</td>
<td>Mashiach, E., Selia, S., Einayer, J., Shasha, S.M., Kristal, B.</td>
<td>Nephron</td>
<td>80</td>
<td>4</td>
<td>458-467</td>
<td>1998</td>
<td>(cardiac output, renal a., mesenteric a., femoral a., chronic)</td>
</tr>
<tr>
<td>1845A</td>
<td>Inoue, R.Y., Gontijo, J., Franchini, K.G.</td>
<td>J Pharmacol Exp Ther</td>
<td>297</td>
<td>2</td>
<td>R2243-2251</td>
<td>2000</td>
<td>(rat, renal a., chronic)</td>
</tr>
</tbody>
</table>


Spermatic Artery Applications

Splenic Artery & Vein Applications


Splenorenal Shunt Validation


Splenorenal Shunt


Testicular Artery


Urine Application
2961A Streng T, Talo A, Andersson KE. " Transmitters contributing to the voiding contraction in female rats, "BJU Int. 2004 Oct;94(8):910-4. (rat, urine)


Uterine Applications
Vena Cava Applications


Vertebral Applications

