THEMATIC REVIEW

ANIMAL MODELS OF DISEASE: Classification and etiology of diabetes in dogs and cats
Richard W Nelson & Claudia E Reusch
T1–T9

REVIEWS

Stress in the kidney is the road to pERdition: is endoplasmic reticulum stress a pathogenic mediator of diabetic nephropathy?
Aowen Zhuang & Josephine M Forbes
R97–R111

The role of adipose tissue immune cells in obesity and low-grade inflammation
Milos Mraz & Martin Haluzik
R113–R127

Mechanisms of PEDF-mediated protection against reactive oxygen species damage in diabetic retinopathy and neuropathy
Mina Elahy, Swati Baindur-Hudson, Vinicius F Cruzat, Philip Newsholme & Crispin R Dass
R129–R139

Androgen actions in the ovary: balance is key
Hen Prizant, Norbert Gleicher & Anтро Sen
R141–R151

SCIENCE GUIDELINE

METABOLIC PHENOTYPING GUIDELINES: Assessing glucose homeostasis in rodent models
James E Bowe, Zara J Franklin, Astrid C Hauge-Evans, Aileen J King, Shanta J Persaud & Peter M Jones
G13–G25

RESEARCH

Expression of steroidogenic enzymes in human sebaceous glands
Takayoshi Inoue, Yasuhiro Miki, Shingo Kakuo, Akira Hachiy, Takashi Kitahara, Setsuya Aiba, Christos C Zouboulis & Hironobu Sasano
301–312
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perinatal exposure to bisphenol A exacerbates nonalcoholic</td>
<td>Jie Wei, Xia Sun, Yajie Chen, Yuanyuan Li, Liqiong Song, Zhao Zhou,</td>
<td>313–325</td>
</tr>
<tr>
<td>steatohepatitis-like phenotype in male rat offspring fed on a high-fat diet</td>
<td>Bing Xu, Yi Lin &amp; Shunqing Xu</td>
<td></td>
</tr>
<tr>
<td>PACAP is essential for the adaptive thermogenic response of brown</td>
<td>Abdoulaye Diane, Nikolina Nikolic, Alexander P Rudecki, Shannon M King,</td>
<td>327–339</td>
</tr>
<tr>
<td>adipose tissue to cold exposure</td>
<td>Drew J Bowie &amp; Sarah L Gray</td>
<td></td>
</tr>
<tr>
<td>Prolactin receptor antagonism uncouples lipids from atherosclerosis</td>
<td>Ronald J van der Sluis, Tim van den Aardweg, Anne Q Reuwer, Marcel T</td>
<td>341–350</td>
</tr>
<tr>
<td>susceptibility</td>
<td>Twickler, Florence Boutillon, Miranda Van Eck, Vincent Goffin &amp; Menno Hoekstra</td>
<td></td>
</tr>
</tbody>
</table>