Volz et al.:  
**Completely defined co-culture of adipogenic differentiated ASCs and microvascular endothelial cells**

**Supplementary Data**

**Tab. S1: Lipid accumulation of diffASCs in mono-culture**
Value of diffASCs immediately after differentiation (day 0) was set as 100%. Data are mean ± SD.

<table>
<thead>
<tr>
<th>Day</th>
<th>ACM</th>
<th>CoM</th>
<th>ECM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lipid accumulation</td>
<td>100 ±11.7</td>
<td>178 ±31.5</td>
<td>230 ±75.6</td>
</tr>
</tbody>
</table>

**Tab. S2: Lipid accumulation, leptin release and glycerol release in indirect co-culture**
Values of diffASCs immediately after differentiation (day 0) were set as 100%. Data are mean ± SD.

<table>
<thead>
<tr>
<th>Day</th>
<th>ACM</th>
<th>CoM</th>
<th>ECM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lipid accumulation</td>
<td>100 ±7.5</td>
<td>197 ±103.9</td>
<td>130 ±27.3</td>
</tr>
<tr>
<td>Leptin release</td>
<td>100 ±104.5</td>
<td>858 ±622.6</td>
<td>76 ±124.9</td>
</tr>
<tr>
<td>Glycerol release</td>
<td>100 ±23.2</td>
<td>137 ±198.8</td>
<td>14.2 ±12.6</td>
</tr>
</tbody>
</table>

**Tab. S3: Lipid accumulation, leptin release and glycerol release of diffASCs in direct co-culture**
Value of diffASCs immediately after differentiation (day 0) was set as 100%. Data are mean ± SD.

<table>
<thead>
<tr>
<th>Day</th>
<th>Mono</th>
<th>Co</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lipid accumulation</td>
<td>100 ±4.8</td>
<td>280 ±98.7</td>
</tr>
<tr>
<td>Leptin release</td>
<td>100 ±127.7</td>
<td>2179.8 ±1562.5</td>
</tr>
<tr>
<td>Glycerol release</td>
<td>100 ±9.1</td>
<td>148 ±47.5</td>
</tr>
</tbody>
</table>

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