

### Supplementary Material 3: Risk of bias assessment

Study	Was the allocation sequence adequately generated and applied?	Were the groups similar at baseline or were they adjusted for confounders in the analysis?	Was the allocation adequately concealed?	Were the animals randomly housed during the experiment?	Were the caregivers and/or investigators blinded from knowledge which intervention each animal received during the experiment?	Were animals selected at random for outcome assessment?	Was the outcome assessor blinded?	Were incomplete outcome data adequately addressed?	Are reports of the study free of selective outcome reporting?	Was the study apparently free of other problems that could result in high risk of bias?
Abdel-Fattah 2018										
Abdelkader 2020										
Abe 2015										
Abuohashish 2017										
Agata 2006										
Anderson, 2015										
Araujo 2018										
Arumigan 2010										
Awwad 2019										
Awwad 2019										
Badae 2019										
Bernadi 2015										
Bukowska 2017										
Burchill 2008										
Chen 2015										
Chodavarapu 2013										
Dong 2019										
Fangyas 2011										
Feng 2020										
Fuchs 2018										
Furuhashi 2014										
Furuhashi 2015										
Gallagher 2008										
Gebska 2013										
Graus-Nunes 2019										
Guo 2016										
Gupta 2012										

Hao 2013										
Hermenegil 2018										
Hermenegildo 2015										
Hiroi 2014										
Ibarra-Lara 2016										
Ichikawa 2018										
Igase 2005										
Igase 2008										
Ishiyama 2004										
Iwanami 2013										
Jeong 2018										
Jessup 2006										
Jessup 2008										
Kaiqiang 2009										
Kidoguchi 2019										
Kong 2019										
Li 2011										
Li 2013										
Liang 2015										
Lin 2016										
Lizuka 2009										
Ma 2018										
Machado 2014										
Malek 2019										
Mao-liang Huang 2009										
Marquez 2014										
Ocaranza 2006										
Ohshima 2014										
Qiao 2015										
Riera 2014										
Romani-Perez 2015										
Sabry 2018										
Salem 2012										
Salem 2013										
Salem 2014										
Sanchez Aguilar 2018										
Sanchez-Aguilar 2019										
Scroggin 2012										
Senador 2010										
Shenoy 2009										
Shimada 2011										
Shin 2017										
Soler 2009										
Song 2012										
Speth 2014										
Suh 2019										
Sukumaran 2012										

Takai 2013									
Tanno 2016									
Thanekar 2019									
Varagic 2012									
Varagic 2012b									
Vuille-dit-Bille 2010									
Wang 2012									
Wang 2015									
Wang 2016									
Wang 2016									
Wang 2018									
Weili 2014									
Wosten-van-Asperen 2011									
Wu 2015									
Xu 2017									
Yang 2013									
Yang 2018									
Yisireyili 2018									
Yonghong 2016									
Zhang 2011									
Zhang 2013									
Zhang 2014									
Zhang 2014									
Zhang 2015									
Zhao 2015									
Zhao 2019									
Zhong 2010									
Zhong 2011									
Zhonghua 2013									