

Publications

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1. Brian G Oliver, Xiaomin Huang, Rochelle Yarak, Xu Bai, Qi Wang, Razia Zakarya, Karosham D Reddy, Chantal Donovan, Richard Y Kim, James Morkaya, **Baoming Wang**, Yik Lung Chan, Sonia Saad, Alen Faiz, David van Reyk, Alexei Verkhatsky, Chenju Yi, Hui Chen (2024). "Chronic maternal exposure to low-dose PM2.5 impacts cognitive outcomes in a sex-dependent manner." *Environment International* 191: 108971.
2. Hui Chen, Long The Nguyen, Min Feng, **Baoming Wang**, Bai Xu, Rochelle Alexia Yarak, Yik Lung Chan, Seethalakshmi Viswanathan, Muralikrishna Gangadharan Komala, Carol Pollock, Brian Oliver, Sonia Saad (2024). Cross-generational impact of maternal exposure to low level of PM2.5 on kidney health. *American Journal of Nephrology* accepted
3. Shannon Thomson, Yik Lung Chan, Chenju Yi, **Baoming Wang**, Rita Machaalani, Brian G Oliver, Catherine A Gorrie and Hui Chen (2022). "Impact of high fat consumption on neurological functions after traumatic brain injury in rats." *Journal of Neurotrauma* 39(21-22): 1547-1560.
4. Xugang Zhang, **Baoming Wang**, Chunyang Wang, Chengde Liao, Shiping Wang, Ran Cao, Tonghui Ma and Kun Wang (2022). "Case report: A novel reciprocal ROS1-CD74 fusion in a NSCLC patient partially benefited from sequential tyrosine kinase inhibitors treatment." *Frontiers in Oncology* 12: 1021342.
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7. Hui Chen, **Baoming Wang**, Gerard Li, Joel R Steele, Sandy Stayte, Bryce Vissel, Yik Lung Chan, Chenju Yi, Sonia Saad and Rita Machaalani (2021). "Brain health is independently impaired by E-vaping and high-fat diet." *Brain, behavior, and immunity* 92: 57-66.
8. **Baoming Wang**, Hui Chen, Dia Xenaki, Jiayan Liao, Christine Cowie and Brian G Oliver (2021). "Differential inflammatory and toxic effects in-vitro of wood smoke and traffic-related particulate matter from Sydney, Australia." *Chemosphere* 272: 129616
9. **Baoming Wang**, Yik-Lung Chan, Gerard Li, Kin Fai Ho, Ayad G Anwer, Bradford J Smith, Hai Guo, Bin Jalaludin, Cristan Herbert and Paul S Thomas (2021). "Maternal particulate matter exposure impairs lung health and is associated with mitochondrial damage." *Antioxidants* 10(7): 1029.
10. **Baoming Wang**, Hui Chen, Yik Lung Chan and Brian G Oliver (2020). "Is there an association between the level of ambient air pollution and COVID-19?" *American Journal of Physiology-Lung Cellular and Molecular Physiology* 319(3): L416-L421.
11. **Baoming Wang**, Hui Chen, Yik Lung Chan, Gang Wang and Brian G Oliver (2020). "Why do intrauterine exposure to air pollution and cigarette smoke increase the risk of asthma?" *Frontiers in Cell and Developmental Biology* 8: 38.
12. Gerard Li, Yik L Chan, **Baoming Wang**, Sonia Saad, Jacob George, Brian G Oliver and Hui Chen (2020). "E-cigarettes damage the liver and alter nutrient metabolism in pregnant mice and their offspring." *Annals of the New York Academy of Sciences* 1475(1): 64-77.
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17. Yik Lung Chan, **Baoming Wang**, Hui Chen, Kin Fai Ho, Junji Cao, Guo Hai, Bin Jalaludin, Cristan Herbert, Paul S Thomas and Sonia Saad (2019). "Pulmonary inflammation induced by low-dose particulate matter exposure in mice." *American Journal of Physiology-Lung Cellular and Molecular Physiology* 317(3): L424-L430.
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