

# Stanford

---



## Faye Chleilat

Postdoctoral Scholar, Genetics

### Bio

---

#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- PhD, University of Calgary (2021)
- MSc, University of Guelph (2017)
- BSc, University of Guelph (2014)

#### STANFORD ADVISORS

- Michael Snyder, Postdoctoral Faculty Sponsor

### Publications

---

#### PUBLICATIONS

- **Effect of supplementation with select human milk oligosaccharides on artificially reared newborn rats** *BRITISH JOURNAL OF NUTRITION*  
Wang, W., Mu, C., Cho, N. A., Tuplin, E., Lowry, D. E., Chleilat, F., Sales, K. M., Sampsell, K., Shearer, J., Reimer, R. A.  
2021
- **The Effects of Human Milk Oligosaccharide Supplementation During Critical Periods of Development on the Mesolimbic Dopamine System** *NEUROSCIENCE*  
Tuplin, E., Chleilat, F., Alukic, E., Reimer, R. A.  
2021; 459: 166-178
- **Microbiota Changes in Fathers Consuming a High Prebiotic Fiber Diet Have Minimal Effects on Male and Female Offspring in Rats** *NUTRIENTS*  
Chleilat, F., Schick, A., Reimer, R. A.  
2021; 13 (3)
- **Paternal Methyl Donor Supplementation in Rats Improves Fertility, Physiological Outcomes, Gut Microbial Signatures and Epigenetic Markers Altered by High Fat/High Sucrose Diet** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*  
Chleilat, F., Schick, A., Deleemans, J. M., Reimer, R. A.  
2021; 22 (2)
- **Concurrent Prebiotic Intake Reverses Insulin Resistance Induced by Early-Life Pulsed Antibiotic in Rats** *BIOMEDICINES*  
Klancic, T., Laforest-Lapointe, I., Wong, J., Choo, A., Nettleton, J. E., Chleilat, F., Arrieta, M., Reimer, R. A.  
2021; 9 (1)
- **Dietary Vitamin B6 Deficiency Impairs Gut Microbiota and Host and Microbial Metabolites in Rats** *BIOMEDICINES*  
Mayengbam, S., Chleilat, F., Reimer, R. A.  
2020; 8 (11)

- **Maternal low-dose aspartame and stevia consumption with an obesogenic diet alters metabolism, gut microbiota and mesolimbic reward system in rat dams and their offspring** *GUT*  
Nettleton, J. E., Cho, N. A., Klancic, T., Nicolucci, A. C., Shearer, J., Borgland, S. L., Johnston, L. A., Ramay, H. R., Noye Tuplin, E., Chleilat, F., Thomson, C., Mayengbam, S., McCoy, et al  
2020; 69 (10): 1807-1817
- **Prebiotic Oligofructose Prevents Antibiotic-Induced Obesity Risk and Improves Metabolic and Gut Microbiota Profiles in Rat Dams and Offspring** *MOLECULAR NUTRITION & FOOD RESEARCH*  
Klancic, T., Laforest-Lapointe, I., Choo, A., Nettleton, J. E., Chleilat, F., Noye Tuplin, E. W., Alukic, E., Cho, N. A., Nicolucci, A. C., Arrieta, M., Reimer, R. A.  
2020; 64 (16): e2000288
- **Human Milk Oligosaccharide Supplementation Affects Intestinal Barrier Function and Microbial Composition in the Gastrointestinal Tract of Young Sprague Dawley Rats** *NUTRIENTS*  
Chleilat, F., Klancic, T., Ma, K., Schick, A., Nettleton, J. E., Reimer, R. A.  
2020; 12 (5)
- **The chemo-gut study: investigating the long-term effects of chemotherapy on gut microbiota, metabolic, immune, psychological and cognitive parameters in young adult Cancer survivors; study protocol** *BMC CANCER*  
Deleemans, J. M., Chleilat, F., Reimer, R. A., Henning, J., Baydoun, M., Piedalue, K., McLennan, A., Carlson, L. E.  
2019; 19 (1): 1243
- **Low-Dose Stevia (Rebaudioside A) Consumption Perturbs Gut Microbiota and the Mesolimbic Dopamine Reward System** *NUTRIENTS*  
Nettleton, J. E., Klancic, T., Schick, A., Choo, A. C., Shearer, J., Borgland, S. L., Chleilat, F., Mayengbam, S., Reimer, R. A.  
2019; 11 (6)