

Gaston Ofman

Assistant Professor of Pediatrics
Section of Neonatology, Department of Pediatrics
The University of Oklahoma Health Science Center
Staff Scientist, Perinatal Health Research
INFANT Foundation, Argentina

Contact Information:

Email: gaston-ofman@ouhsc.edu

Phone: 405-271-5215

Office: ETNP 7504, 1200 North Everett Dr, Oklahoma City, Oklahoma 73104

Research Interests:

Pulmonary Biology, Redox Biology, Mitochondria Function, and Long Term Cardio-Pulmonary outcomes of Prematurity

Education:

2015-2018: Fellow in Neonatology, Northwestern University Feinberg School of Medicine, Ann and Robert H. Lurie Children's Hospital of Chicago

2012-2015: Pediatric Residency Program, Children's Medical Center Dallas, University of Texas South Western

2004-2009: Doctor in Medicine, Favaloro University School of Medicine, Argentina

Academic Appointments:

2020-Present: Assistant Professor of Pediatrics, The University of Oklahoma Health Science Center

2018-Present: Staff Scientist, INFANT Foundation

Awards and Honors:

2009: Honor Diploma for Academic Excellence, Favaloro University, Argentina

2013: AAP International Elective Award

2017: Selected for the Annual NICHD Young Investigator Conference on Maternal- Fetal- Neonatal-Reproductive Medicine

2018: Basic Research Award, Research Scholar Day 2018, Lurie Children's, Chicago

2020: Selected as a member of the SPR & MSPR Research Cohort Network

Research Support:

- 2018-Present: Thrasher Research Fund Early Career Award

Selected Publications:

1. Kuypers E, Collins JJ, Kramer BW, Ofman G, Nitsos I, Pillow JJ, Polglase GR, Kemp MW, Newnham JP, Gavilanes AW, Nowacki R, Ikegami M, Jobe AH, Kallapur SG, et al. Intra-amniotic LPS and antenatal betamethasone: inflammation and maturation in preterm lamb lungs. *Am J Physiol Lung Cell Mol Physiol*. 2012;302(4):L380–L389. doi: 10.1152/ajplung.00338.2011
2. Ofman G, Vasco N, Cantey JB Risk of Early-Onset Sepsis following Preterm, Prolonged Rupture of Membranes with or without Chorioamnionitis. *Amer J Perinatol* 2016; 33(04): 339-342. DOI: 10.1055/s-0035-1556758
3. Ofman G, Perez M, Farrow KN Early low-dose hydrocortisone: is the neurodevelopment affected? – *J Perinatol*.- 2018 Jun;38(6):636-638. doi: 10.1038/s41372-018-0086-y. Epub 2018 Feb 21.
4. Ofman G, Tipple T Thiol-redox regulation in lung development and vascular remodeling – *Antiox & Redox sig* – 2018 Dec doi: 10.1089/ars.2018.7712
5. Ofman G, Tipple T Antioxidants & bronchopulmonary dysplasia: Beating the system or beating a dead horse? *Free Radical Biology and Medicine*, 2019 doi: 10.1016/j.freeradbiomed.2019.01.038.
6. Ofman G, Caballero M, Alavarez-Paggi D, et al. : The Discovery BPD (D-BPD) program: A prospective translational collaborative study of chronic lung disease of prematurity *BMC Peds* 2019 <https://doi.org/10.1186/s12887-019-1610-8>
7. Ofman G, Pradarelli B, Caballero M, et al. : Respiratory failure and death in vulnerable premature children with lower respiratory tract illness *JID* 2020 doi:10.1093/infdis/jiaa046