



Gissette Reyes-Soffer , MD
Assistant Professor of Medicine
Columbia University

Research Summary:

I have seven years' experience in the design and execution of clinical research projects utilizing stable isotope tracers in humans. During the last four years I have been involved in overseeing and developing CUMC standard operating procedures for metabolite flux studies at the Irving Institute Biomarkers Laboratory. I have significant experience and expertise in all aspects of studies of flux of lipids and apolipoproteins, including ultracentrifugation, SDS-PAGE, derivatization, GC-MS analysis, and estimation of FSRs. My medical background allows me to be an integral part in clinical study design, including training staff from outside institutions how to conduct the required sampling and processing protocols before samples are sent to our laboratory. '

Selected Publications:

1. **ReyesG**, Yasunaga K, Rothestein E, Karmally W, Holleran, S, Ramakrishnan S, Ginsberg HN. Postprandial Lipid Effects of a 1,3-Diacylglycerol Oil vs. Triacylglycerol Oil in an Insulin Resistant Population. *Journal of Lipid Research* 2008 Mar; 49(3):670-8. PMID:18089891
2. **Gissette Reyes**, Niem-Tzu Chen, Margarita Torres, Colleen Ngai, Steve Holleran, Rajasekhar Ramakrishnan, Wahida Karmally, William S. Blaner, Lars Berglund, Henry Ginsberg, Catherine Tuck. Measures of Postprandial Lipoproteins are not associated with Presence of Coronary Artery Disease in Patients with Type 2 Diabetes Mellitus. *J Lipid Res.* 2009 Sep;50(9):1901-9. PMID: PMC2724776
3. **Reyes-Soffer G**, Holleran S, Di Tullio MR, Homma S, Boden-Albala B, Ramakrishnan R, Elkind MS, Sacco RL, Ginsberg HN. Endothelial function in individuals with coronary artery disease with and without type 2 diabetes mellitus. *Metabolism.* 2010 Sep;59(9):1365-71. PMID: PMC2891205
4. **Reyes-Soffer G**, Rondon-Clavo C, Ginsberg HN. Combination therapy with statin and fibrate in patients with dyslipidemia associated with insulin resistance, metabolic syndrome and type 2 diabetes mellitus. *Expert Opin Pharmacother.* 2011 Jun;12(9):1429-38. doi: 10.1517/14656566.2011.563506. Review. PMID:21426238
5. Khan RS, Kato TS, Chokshi A, Chew M, Yu S, Wu C, Singh P, Cheema FH, Takayama H, Harris C, **Reyes-Soffer G**, Knöll R, Milting H, Naka Y, Mancini D, Schulze PC. Adipose Tissue Inflammation and Adiponectin

Address:

Presbyterian Hospital—Irving Center
Clinical Research
10 Floor Room 105C
New York, NY 10032

Phone: 212-305-9298

Fax: 212-305-3213

Email: gr2104@cumc.columbia.edu

Resistance in Patients with Advanced Heart Failure - Correction after Ventricular Assist Device Implantation. *Circ Heart Fail.* 2012 May 1;5(3):340-8. Erratum in: *Circ Heart Fail.* 2012 Sep 1;5(5):e91

6. **Gisette Reyes-Soffer**, Colleen I Ngai, Laura Lovato, Wahida Karmally, Rajasekhar Ramakrishnan, Stephen Holleran, Henry N. Ginsberg. Effect of Combination Therapy with Fenofibrate and Simvastatin on Postprandial Lipemia in the ACCORD Lipid Trial. *Diabetes Care.* 2012 Oct 25

7. Measurement of apo(a) kinetics in human subjects using a microfluidic device with tandem mass spectrometry. Zhou H, Castro-Perez J, Lassman ME, Thomas T, Li W, McLaughlin T, Dan X, Jumes P, Wagner JA, Gutstein DE, Hubbard BK, Rader DJ, Millar JS, Ginsberg HN, **Reyes-Soffer** G, Cleary M, Previs SF, Roddy TP. *Rapid Commun Mass Spectrom.* 2013 Jun 30;27(12):1294-302.

8. Static and turnover kinetic measurement of protein biomarkers involved in triglyceride metabolism including apoB48 and apoA5 by LC/MS/MS. Pan Y, Zhou H, Mahsut A, Rohm RJ, Berejnaia O, Price O, Chen Y, Castro-Perez J, Lassman ME, McLaren D, Conway J, Jensen KK, Thomas T, **Reyes-Soffer** G, Ginsberg HN, Gutstein DE, Cleary M, Previs SF, Roddy TP. *J Lipid Res.* 2014 Apr 2;55(6):1179-1187.

9. Practical immunoaffinity-enrichment LC-MS for measuring protein kinetics of low-abundance proteins. Lassman ME, McAvoy T, Lee AY, Chappell D, Wong O, Zhou H, **Reyes-Soffer** G, Ginsberg HN, Millar JS, Rader DJ, Gutstein DE, Laterza O. *Clin Chem.* 2014 Sep;60(9):1217-24.

10. John S. Millar*, **Gisette Reyes-Soffer***, Patricia Jumes, Richard L. Dunbar, Emil M. deGoma,1Amanda L. Baer,Wahida Karmally,Daniel S. Donovan,Hashmi Rafeek, Laura Pollan, Junichiro Tohyama,Amy O. Johnson-Levonas,John A. Wagner,Stephen Holleran,Joseph Obunike,Yang Liu,Rajasekhar Ramakrishnan, Michael E. Lassman,David E. Gutstein, Henry N. Ginsberg,2 and Daniel J. Rader. *Clin Invest.* 2015;125(6):2510-2522.

More about Gisette Reyes-Soffer , MD: