

## Fahim Abbasi

Clinical Assistant Professor, Medicine - Cardiovascular Medicine

### CLINICAL OFFICE (PRIMARY)

- **Stanford South Asian Translational Heart Initiative**

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### Bio

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#### BIO

Dr. Fahim Abbasi specializes in diagnosis and treatment of prediabetes and insulin resistance. Dr. Abbasi has a special interest in prevention of diabetes and cardiovascular disease through lifestyle modifications.

#### CLINICAL FOCUS

- Prediabetes and insulin resistance
- Advanced Heart Failure and Transplant Cardiology

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Cardiovascular Medicine

#### HONORS AND AWARDS

- Dean's Fellowship, Stanford University School of Medicine (1996 - 1997)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member Advisory Committee, Clinical and Translational Research Unit, Stanford University School of Medicine (2000 - present)
- Member, American Physiological Society (2012 - present)

#### PROFESSIONAL EDUCATION

- Residency: University of Connecticut Dept of Internal Medicine (1995) CT
- Internship: University of Connecticut Dept of Internal Medicine (1993) CT
- Fellowship: Stanford University Cardiovascular Medicine Fellowship (2002) CA
- Fellowship: Stanford University Endocrinology Fellowship (1999) CA
- Fellowship: Stanford University Endocrinology Fellowship (1998) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (1995)
- Medical Education: King Edward Medical University (1988) Pakistan

### Research & Scholarship

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#### CLINICAL TRIALS

- Relationship Between Insulin Resistance and Statin Induced Type 2 Diabetes, and Integrative Personal Omics Profiling, Not Recruiting

## Publications

### PUBLICATIONS

- **Hyperglycemia During Acute Pancreatitis and Progression to Early-Onset Diabetes After Recovery: Preliminary Findings From the Diabetes Related to Acute Pancreatitis and Its Mechanisms (DREAM) Study.** *Diabetes care*  
Dungan, K. M., Chinchilli, V. M., Pichardo-Lowden, A., Raja-Khan, N., Bellin, M. D., Yadav, D., Hart, P. A., Basina, M., Buxbaum, J. L., Casu, A., Evans-Molina, C., Conwell, D. L., Fogel, et al  
2026
- **Insulin Resistance and the Estimated 10-Year Risk of Atherosclerotic Cardiovascular Disease** *Metabolism*  
Aldulimy, A., Abbasi, F., Lamendola, C., Knowles, J. W.  
2026
- **Insulin resistance is associated with incident prediabetes and type 2 diabetes in normoglycemic individuals.** *Diabetes & metabolic syndrome*  
Louie, J. Z., Shiffman, D., Meigs, J. B., Taylor, S. W., Melander, O., Abbasi, F., McPhaul, M. J.  
2025; 20 (1): 103372
- **Changes in Apolipoprotein A1-Associated Proteomic Composition After Pioglitazone Treatment Versus Weight Loss.** *International journal of molecular sciences*  
Parsa, S., Collier, T. S., McPhaul, M. J., Melander, O., Knowles, J. W., Rohatgi, A., Abbasi, F.  
2025; 26 (21)
- **Successful Rituximab Treatment of GPIIBP1 Autoantibody-Associated Hypertriglyceridemia.** *JACC. Case reports*  
Hussain, T., Horomanski, A., Jain, S., Lamendola, C., Abbasi, F., Murakami, M., Knowles, J. W.  
2025; 30 (23): 104647
- **Individual variations in glycemic responses to carbohydrates and underlying metabolic physiology.** *Nature medicine*  
Wu, Y., Ehlert, B., Metwally, A. A., Perelman, D., Park, H., Brooks, A. W., Abbasi, F., Michael, B., Celli, A., Bejikian, C., Ayhan, E., Lu, Y., Lancaster, et al  
2025
- **An HDL Proteomic Score Independently Predicts Incident Atherosclerotic Cardiovascular Disease.** *JACC. Advances*  
Melander, O., Rohatgi, A., Louie, J. Z., Collier, T. S., McPhaul, M. J., Abbasi, F.  
2025; 4 (6 Pt 2): 101844
- **Plasma proteomic signatures for type 2 diabetes and related traits in the UK Biobank cohort.** *Diabetes research and clinical practice*  
Gupte, T. P., Azizi, Z., Kho, P. F., Zhou, J., Nzenkue, K., Chen, M. L., Panyard, D. J., Guarischi-Sousa, R., Hilliard, A. T., Sharma, D., Watson, K., Abbasi, F., Tsao, et al  
2025: 112194
- **Cross-sectional, interventional, and causal investigation of insulin sensitivity using plasma proteomics in diverse populations.** *Metabolism: clinical and experimental*  
Kho, P. F., Wary, N., Zanetti, D., Abbasi, F., Knowles, J. W., Panyard, D. J., Watson, K. T., Stell, L., Lazzeroni, L. C., Gustafsson, S., Lind, L., Petrie, J. R., Assimes, et al  
2025: 156263
- **Prediction of metabolic subphenotypes of type 2 diabetes via continuous glucose monitoring and machine learning.** *Nature biomedical engineering*  
Metwally, A. A., Perelman, D., Park, H., Wu, Y., Jha, A., Sharp, S., Celli, A., Ayhan, E., Abbasi, F., Gloyn, A. L., McLaughlin, T., Snyder, M. P.  
2024
- **CENTRAL AND PERIPHERAL SIGNATURES OF INSULIN RESISTANCE AS BIOMARKERS OF ACCELERATED COGNITIVE AGING**  
Evers, A., Abbasi, F., Lin, K., Myoraku, A., Rasgon, N.  
SPRINGER NATURE.2024: 453-454
- **Metabolic Status Modulates Global and Local Brain Age Estimates in Overweight and Obese Adults.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*  
Haas, S. S., Abbasi, F., Watson, K., Robakis, T., Myoraku, A., Frangou, S., Rasgon, N.  
2024

- **Cross-sectional, interventional, and causal investigation of insulin sensitivity using plasma proteomics in diverse populations.** *medRxiv : the preprint server for health sciences*  
Kho, P. F., Wary, N., Zanetti, D., Abbasi, F., Knowles, J. W., Panyard, D. J., Watson, K. T., Stell, L., Lazzeroni, L. C., Gustafsson, S., Lind, L., Petrie, J. R., Assimes, et al  
2024
- **Plasma proteomics and carotid intima-media thickness in the UK biobank cohort.** *Frontiers in cardiovascular medicine*  
Chen, M. L., Kho, P. F., Guarischi-Sousa, R., Zhou, J., Panyard, D. J., Azizi, Z., Gupte, T., Watson, K., Abbasi, F., Assimes, T. L.  
2024; 11: 1478600
- **A plasma proteomic signature for atherosclerotic cardiovascular disease risk prediction in the UK Biobank cohort.** *medRxiv : the preprint server for health sciences*  
Gupte, T. P., Azizi, Z., Kho, P. F., Zhou, J., Chen, M., Panyard, D. J., Guarischi-Sousa, R., Hilliard, A. T., Sharma, D., Watson, K., Abbasi, F., Tsao, P. S., Clarke, et al  
2024
- **Plasma proteomic signatures for type 2 diabetes mellitus and related traits in the UK Biobank cohort.** *medRxiv : the preprint server for health sciences*  
Gupte, T. P., Azizi, Z., Kho, P. F., Zhou, J., Nzenkue, K., Chen, M., Panyard, D. J., Guarischi-Sousa, R., Hilliard, A. T., Sharma, D., Watson, K., Abbasi, F., Tsao, et al  
2024
- **Associations between accurate measures of adiposity and fitness, blood proteins, and insulin sensitivity among South Asians and Europeans.** *medRxiv : the preprint server for health sciences*  
Kho, P. F., Stell, L., Jimenez, S., Zanetti, D., Panyard, D. J., Watson, K. L., Sarraju, A., Chen, M. L., Lind, L., Petrie, J. R., Chan, K. N., Fonda, H., Kent, et al  
2024
- **Predicting Type 2 Diabetes Metabolic Phenotypes Using Continuous Glucose Monitoring and a Machine Learning Framework.** *medRxiv : the preprint server for health sciences*  
Metwally, A. A., Perelman, D., Park, H., Wu, Y., Jha, A., Sharp, S., Celli, A., Ayhan, E., Abbasi, F., Gloyn, A. L., McLaughlin, T., Snyder, M.  
2024
- **X chromosome dosage drives statin-induced dysglycemia and mitochondrial dysfunction.** *Nature communications*  
Zhang, P., Munier, J. J., Wiese, C. B., Vergnes, L., Link, J. C., Abbasi, F., Ronquillo, E., Scheker, K., Muñoz, A., Kuang, Y. L., Theusch, E., Lu, M., Sanchez, et al  
2024; 15 (1): 5571
- **The LS-IM score and its relation to direct measurements of insulin resistance**  
Rowland, C. M., Abbasi, F., McPhaul, M. J.  
W B SAUNDERS CO-ELSEVIER INC.2024
- **Insulin Receptor Substrate 1 (IRS1) Isolated From Neuronally Derived Exosomes is Associated With Mood State in Bipolar Disorder**  
Robakis, T., Watson, K., Eitan, E., Myoraku, A., Abbasi, F., Biernacka, J. M., Frye, M. A., Rasgon, N.  
ELSEVIER SCIENCE INC.2024: S141
- **Chemerin in Participants with or without Insulin Resistance and Diabetes.** *Biomedicines*  
Zhao, L., Zhou, J., Abbasi, F., Fathzadeh, M., Knowles, J. W., Leung, L. L., Morser, J.  
2024; 12 (4)
- **PLASMA PROTEOMICS AND VISCERAL ADIPOSE TISSUE VOLUME: A MACHINE LEARNING ANALYSIS OF INTERACTION BETWEEN BIOMARKERS, SOCIO-BEHAVIORAL, AND FITNESS FACTORS IN UK BIOBANK**  
Azizi, Z., Gupte, T., Kho, P., Nzenkue, K., Zhou, J., Guarischi-Sousa, R., Panyard, D., Chen, M., Abbasi, F., Clarke, S., Tsao, P., Assimes, T. L.  
ELSEVIER SCIENCE INC.2024: 1699
- **Lac-Phe mediates the effects of metformin on food intake and body weight.** *Nature metabolism*  
Xiao, S., Li, V. L., Lyu, X., Chen, X., Wei, W., Abbasi, F., Knowles, J. W., Tung, A. S., Deng, S., Tiwari, G., Shi, X., Zheng, S., Farrell, et al  
2024
- **Associations between accurate measures of adiposity and fitness, blood proteins, and insulin sensitivity among South Asians and Europeans.** *Frontiers in endocrinology*

Kho, P. F., Stell, L., Jimenez, S., Zanetti, D., Panyard, D. J., Watson, K. L., Sarraju, A., Chen, M. L., Lind, L., Petrie, J. R., Chan, K. N., Fonda, H., Kent, et al

2024; 15: 1492778

- **Lac-Phe mediates the anti-obesity effect of metformin.** *bioRxiv : the preprint server for biology*  
Xiao, S., Li, V. L., Lyu, X., Chen, X., Wei, W., Abbasi, F., Knowles, J. W., Deng, S., Tiwari, G., Shi, X., Zheng, S., Farrell, L., Chen, et al  
2023
- **Proteomic Determinants of Variation in Cholesterol Efflux: Observations from the Dallas Heart Study.** *International journal of molecular sciences*  
Gangwar, A., Deodhar, S. S., Saldanha, S., Melander, O., Abbasi, F., Pearce, R. W., Collier, T. S., McPhaul, M. J., Furtado, J. D., Sacks, F. M., Merrill, N. J., McDermott, J. E., Melchior, et al  
2023; 24 (21)
- **Plasma proteomic signatures of a direct measure of insulin sensitivity in two population cohorts.** *Diabetologia*  
Zanetti, D., Stell, L., Gustafsson, S., Abbasi, F., Tsao, P. S., Knowles, J. W., Zethelius, B., Ärnlöv, J., Balkau, B., Walker, M., Lazzeroni, L. C., Lind, L., Petrie, et al  
2023
- **The relationship between insulin resistance and ion mobility lipoprotein fractions.** *American journal of preventive cardiology*  
Rowland, C. M., Abbasi, F., Shiffman, D., Knowles, J. W., McPhaul, M. J.  
2023; 13: 100457
- **Insulin Resistance and Accelerated Cognitive Aging**  
Lin, K., Abbasi, F., Robakis, T., Myoraku, A., Satz, I., Rasgon, N.  
SPRINGER NATURE.2022: 73-74
- **Insulin Resistance and Accelerated Cognitive Aging**  
Lin, K., Abbasi, F., Robakis, T., Myoraku, A., Satz, I., Rasgon, N.  
SPRINGER NATURE.2022: 73-74
- **Insulin resistance and accelerated cognitive aging.** *Psychoneuroendocrinology*  
Abbasi, F., Robakis, T. K., Myoraku, A., Watson, K. T., Wroolie, T., Rasgon, N. L.  
2022; 147: 105944
- **Family history of diabetes moderates metabolic depression endophenotypes in overweight/obese adults.** *Journal of psychiatric research*  
Ong, S. L., Abbasi, F., Watson, K., Robakis, T., Myoraku, A., Rasgon, N.  
2022; 151: 583-589
- **Lower functional hippocampal connectivity in healthy adults is jointly associated with higher levels of leptin and insulin resistance.** *European psychiatry : the journal of the Association of European Psychiatrists*  
Haas, S. S., Myoraku, A., Watson, K., Robakis, T., Frangou, S., Abbasi, F., Rasgon, N.  
2022: 1-23
- **Brain Imaging Correlates of Metabolic Function in Adults Who are Overweight/Obese**  
Myoraku, A., Haas, S., Watson, K., Robakis, T., Frangou, S., Abbasi, F., Schatzberg, A., Rasgon, N.  
SPRINGER NATURE.2021: 82-83
- **Statins Are Associated With Increased Insulin Resistance and Secretion.** *Arteriosclerosis, thrombosis, and vascular biology*  
Abbasi, F., Lamendola, C., Harris, C. S., Harris, V., Tsai, M., Tripathi, P., Abbas, F., Reaven, G., Reaven, P., Snyder, M. P., Kim, S. H., Knowles, J. W.  
2021: ATVB AHA121316159
- **Hippocampal Volume Reduction is Associated with Direct Measure of Insulin Resistance in Adults.** *Neuroscience research*  
Frangou, S., Abbasi, F., Watson, K., Haas, S. S., Antoniadis, M., Modabbernia, A., Myoraku, A., Robakis, T., Rasgon, N.  
2021
- **Depression Symptoms and Insulin Resistance in Individuals With Family History of Type 2 Diabetes Mellitus and Major Depressive Disorder**  
Ong, S., Abbasi, F., Watson, K., Myoraku, A., Rasgon, N.  
ELSEVIER SCIENCE INC.2021: S232

- **Effect of liraglutide vs. placebo treatment on circulating proglucagon-derived peptides that mediate improvements in body weight, insulin secretion and action: a randomized controlled trial.** *Diabetes, obesity & metabolism*  
Kim, S. H., Abbasi, F., Nachmanoff, C., Stefanakis, K., Kumar, A., Kalra, B., Savjani, G., Mantzoros, C. S.  
2020
- **Assessing The Impact Of Calcitonin In Management Of Hypercalcemia**  
Faheem, M., Abbasi, F., Basina, M.  
WILEY.2020: 54
- **The role of insulin as a key regulator of seeding, proliferation, and mRNA transcription of human pluripotent stem cells.** *Stem cell research & therapy*  
Shahbazi, M., Cundiff, P., Zhou, W., Lee, P., Patel, A., D'Souza, S. L., Abbasi, F., Quertermous, T., Knowles, J. W.  
2019; 10 (1): 228
- **Plasma glucose concentration 60 min post oral glucose load and risk of type 2 diabetes and cardiovascular disease: Pathophysiological implications** *DIABETES & VASCULAR DISEASE RESEARCH*  
Abbasi, F., Tern, P. J. W., Reaven, G. M.  
2019; 16 (4): 337–43
- **Efficacy of a Telehealth Preventive Cardiology Lifestyle Intervention Program to Treat High-Risk South Asians**  
Parameswaran, V., Josan, K., Khandelwal, A., Abbasi, F., Dash, R.  
AMER DIABETES ASSOC.2019
- **Finding missed cases of familial hypercholesterolemia in health systems using machine learning.** *NPJ digital medicine*  
Banda, J. M., Sarraju, A., Abbasi, F., Parizo, J., Pariani, M., Ison, H., Briskin, E., Wand, H., Dubois, S., Jung, K., Myers, S. A., Rader, D. J., Leader, et al  
2019; 2: 23
- **Finding missed cases of familial hypercholesterolemia in health systems using machine learning** *NPJ DIGITAL MEDICINE*  
Banda, J. M., Sarraju, A., Abbasi, F., Parizo, J., Pariani, M., Ison, H., Briskin, E., Wand, H., Dubois, S., Jung, K., Myers, S. A., Rader, D. J., Leader, et al  
2019; 2
- **Impact of race/ethnicity on insulin resistance and hypertriglyceridaemia** *DIABETES & VASCULAR DISEASE RESEARCH*  
Raygor, V., Abbasi, F., Lazzeroni, L. C., Kim, S., Ingelsson, E., Reaven, G. M., Knowles, J. W.  
2019; 16 (2): 153–59
- **Myths about Insulin Resistance: Tribute to Gerald Reaven.** *Endocrinology and metabolism (Seoul, Korea)*  
Kim, S. H., Abbasi, F.  
2019; 34 (1): 47–52
- **Myths about Insulin Resistance: Tribute to Gerald Reaven** *ENDOCRINOLOGY AND METABOLISM*  
Kim, S. H., Abbasi, F.  
2019; 34 (1): 47–52
- **Plasma glucose concentration 60 min post oral glucose load and risk of type 2 diabetes and cardiovascular disease: Pathophysiological implications.** *Diabetes & vascular disease research*  
Abbasi, F., Tern, P. J., Reaven, G. M.  
2019: 1479164119827239
- **Increasing Mortality Among Patients With Diabetes and Chronic Liver Disease From 2007 Through 2017.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*  
Kim, D. n., Cholankeril, G. n., Kim, S. H., Abbasi, F. n., Knowles, J. W., Ahmed, A. n.  
2019
- **Impact of race/ethnicity on insulin resistance and hypertriglyceridaemia.** *Diabetes & vascular disease research*  
Raygor, V. n., Abbasi, F. n., Lazzeroni, L. C., Kim, S. n., Ingelsson, E. n., Reaven, G. M., Knowles, J. W.  
2019; 16 (2): 153–59
- **Insulin Resistance Probability Scores for Apparently Healthy Individuals.** *Journal of the Endocrine Society*  
Abbasi, F., Shiffman, D., Tong, C. H., Devlin, J. J., McPhaul, M. J.

2018; 2 (9): 1050–57

- **Insulin Resistance Probability Scores for Apparently Healthy Individuals** *JOURNAL OF THE ENDOCRINE SOCIETY*  
Abbasi, F., Shiffman, D., Tong, C. H., Devlin, J. J., McPhaul, M. J.  
2018; 2 (9): 1050–57
- **IMMUNE PROFILE OF HEALTHY CARDIOVASCULAR AGING: INSIGHTS FROM A POPULATION-BASED STUDY AND NETWORK MODELING**  
Bouajila, S., Moneghetti, K., Kobayashi, Y., Gomari, F. A., Abbasi, F., Davis, M. M., Wu, J. C., Kuznetsova, T., Sayed, N., Haddad, F.  
ELSEVIER SCIENCE INC.2018: 1657
- **Relationship between several surrogate estimates of insulin resistance and a direct measure of insulin-mediated glucose disposal: Comparison of fasting versus post-glucose load measurements** *DIABETES RESEARCH AND CLINICAL PRACTICE*  
Abbasi, F., Silvers, A., Viren, J., Reaven, G. M.  
2018; 136: 108–15
- **Cardiovascular disease in PCOS is related to severe insulin resistance, not mild** *MINERVA ENDOCRINOLOGICA*  
Dahan, M. H., Abbasi, F., Reaven, G. M.  
2017; 42 (3): 294–96
- **Analysis of Transcriptional Variability in a Large Human iPSC Library Reveals Genetic and Non-genetic Determinants of Heterogeneity** *CELL STEM CELL*  
Carcamo-Orive, I., Hoffman, G. E., Cundiff, P., Beckmann, N. D., D'Souza, S. L., Knowles, J. W., Patel, A., Papatsenko, D., Abbasi, F., Reaven, G. M., Whalen, S., Lee, P., Shahbazi, et al  
2017; 20 (4): 518-?
- **Substituting poly- and mono-unsaturated fat for dietary carbohydrate reduces hyperinsulinemia in women with polycystic ovary syndrome** *GYNECOLOGICAL ENDOCRINOLOGY*  
Perelman, D., Coghlan, N., Lamendola, C., Carter, S., Abbasi, F., McLaughlin, T.  
2017; 33 (4): 324-327
- **INSULIN RESISTANCE ASSOCIATES WITH ADVERSE CARDIAC REMODELING IN THE ABSENCE OF HYPERTENSION IN YOUNG SOUTH ASIANS**  
Bose, R., Arora, M., Abbasi, F., Roy, E., Nallamshetty, S., Khandelwal, A., Ranade, P., Dash, R.  
ELSEVIER SCIENCE INC.2017: 1871
- **Effect of Pioglitazone on Cardiometabolic Risk in Patients With Obstructive Sleep Apnea.** *American journal of cardiology*  
Liu, A., Abbasi, F., Kim, S. H., Ariel, D., Lamendola, C., Cardell, J., Xu, S., Patel, S., Tomasso, V., Mojaddidi, H., Grove, K., Tsao, P. S., Kushida, et al  
2017
- **Substituting poly- and mono-unsaturated fat for dietary carbohydrate reduces hyperinsulinemia in women with polycystic ovary syndrome.** *Gynecological endocrinology*  
Perelman, D., Coghlan, N., Lamendola, C., Carter, S., Abbasi, F., McLaughlin, T.  
2016: 1-4
- **Analysis of Transcriptional Variability in a Large Human iPSC Library Reveals Genetic and Non-genetic Determinants of Heterogeneity.** *Cell stem cell*  
Carcamo-Orive, I., Hoffman, G. E., Cundiff, P., Beckmann, N. D., D'Souza, S. L., Knowles, J. W., Patel, A., Papatsenko, D., Abbasi, F., Reaven, G. M., Whalen, S., Lee, P., Shahbazi, et al  
2016
- **Hypertriglyceridemia: A simple approach to identify insulin resistance and enhanced cardio-metabolic risk in patients with prediabetes.** *Diabetes research and clinical practice*  
Abbasi, F., Kohli, P., Reaven, G. M., Knowles, J. W.  
2016; 120: 156-161
- **Does enhanced insulin sensitivity improve sleep measures in patients with obstructive sleep apnea: a randomized, placebo-controlled pilot study.** *Sleep medicine*  
Liu, A., Kim, S. H., Ariel, D., Abbasi, F., Lamendola, C., Cardell, J., Xu, S., Patel, S., Tomasso, V., Mojaddidi, H., Grove, K., Tsao, P. S., Kushida, et al  
2016; 22: 57-60
- **Cardiometabolic Risk in South Asian Inhabitants of California: Hypertriglyceridemic Waist vs Hypertriglyceridemic Body Mass Index.** *Ethnicity & disease*

Abbasi, F., Mathur, A., Reaven, G. M., Molina, C. R.

2016; 26 (2): 191-196

- **Identification and validation of N-acetyltransferase 2 as an insulin sensitivity gene.** *journal of clinical investigation*  
Knowles, J. W., Xie, W., Zhang, Z., Chennamsetty, I., Assimes, T. L., Paananen, J., Hansson, O., Pankow, J., Goodarzi, M. O., Carcamo-Orive, I., Morris, A. P., Chen, Y. I., Mäkinen, et al  
2016; 126 (1): 403-?
- **Comparison of the association with sleep apnoea of obesity versus insulin resistance** *EUROPEAN RESPIRATORY JOURNAL*  
Liu, A., Ariel, D., Lamendola, C., Kim, S. H., Abbasi, F., Cardell, J., Tomasso, V., Mojaddidi, H., Grove, K., Kushida, C. A., Reaven, G. M.  
2015; 46 (6): 1829–32
- **Circulating microRNA-320a and microRNA-486 predict thiazolidinedione response: Moving towards precision health for diabetes prevention.** *Metabolism: clinical and experimental*  
Flowers, E., Aouizerat, B. E., Abbasi, F., Lamendola, C., Grove, K. M., Fukuoka, Y., Reaven, G. M.  
2015; 64 (9): 1051-1059
- **Salsalate-induced changes in lipid, lipoprotein, and apoprotein concentrations in overweight or obese, insulin-resistant, nondiabetic individuals.** *Journal of clinical lipidology*  
Ariel, D., Kim, S. H., Liu, A., Abbasi, F., Lamendola, C. A., Grove, K., Tomasso, V., Reaven, G. M.  
2015; 9 (5): 658-663
- **Usefulness of Fetuin-A to Predict Risk for Cardiovascular Disease Among Patients With Obstructive Sleep Apnea.** *American journal of cardiology*  
Liu, A., Lamendola, C., Ariel, D., Abbasi, F., Kim, S. H., Cardell, J., Tomasso, V., Xu, S., Patel, S., Mojaddidi, H., Grove, K., Kushida, C. A., Reaven, et al  
2015; 116 (2): 219-224
- **Relationship between insulin resistance and amino acids in women and men.** *Physiological reports*  
Seibert, R., Abbasi, F., Hantash, F. M., Caulfield, M. P., Reaven, G., Kim, S. H.  
2015; 3 (5)
- **Abnormalities of Lipoprotein Concentrations in Obstructive Sleep Apnea Are Related to Insulin Resistance** *SLEEP*  
Liu, A., Cardell, J., Ariel, D., Lamendola, C., Abbasi, F., Kim, S. H., Holmes, T. H., Tomasso, V., Mojaddidi, H., Grove, K., Kushida, C. A., Reaven, G. M.  
2015; 38 (5): 793-?
- **Abnormalities of lipoprotein concentrations in obstructive sleep apnea are related to insulin resistance.** *Sleep*  
Liu, A., Cardell, J., Ariel, D., Lamendola, C., Abbasi, F., Kim, S. H., Holmes, T. H., Tomasso, V., Mojaddidi, H., Grove, K., Kushida, C. A., Reaven, G. M.  
2015; 38 (5): 793-799
- **Low Circulating 25-Hydroxyvitamin D Concentrations Are Associated with Defects in Insulin Action and Insulin Secretion in Persons with Prediabetes** *JOURNAL OF NUTRITION*  
Abbasi, F., Blasey, C., Feldman, D., Caulfield, M. P., Hantash, F. M., Reaven, G. M.  
2015; 145 (4): 714-719
- **Identification and validation of N-acetyltransferase 2 as an insulin sensitivity gene** *JOURNAL OF CLINICAL INVESTIGATION*  
Knowles, J. W., Xie, W., Zhang, Z., Chennamsetty, I., Assimes, T. L., Paananen, J., Hansson, O., Pankow, J., Goodarzi, M. O., Carcamo-Orive, I., Morris, A. P., Chen, Y. I., Maekinen, et al  
2015; 125 (4): 1739-1751
- **Relationship among 25-hydroxyvitamin d concentrations, insulin action, and cardiovascular disease risk in patients with essential hypertension.** *American journal of hypertension*  
Abbasi, F., Feldman, D., Caulfield, M. P., Hantash, F. M., Reaven, G. M.  
2015; 28 (2): 266-272
- **Effect of liraglutide administration and a calorie-restricted diet on lipoprotein profile in overweight/obese persons with prediabetes.** *Nutrition, metabolism, and cardiovascular diseases : NMCD*  
Ariel, D., Kim, S. H., Abbasi, F., Lamendola, C. A., Liu, A., Reaven, G. M.  
2014; 24 (12): 1317-1322

- **Effect of Salsalate on Insulin Action, Secretion, and Clearance in Nondiabetic, Insulin-Resistant Individuals: A Randomized, Placebo-Controlled Study** *DIABETES CARE*  
Kim, S. H., Liu, A., Ariel, D., Abbasi, F., Lamendola, C., Grove, K., Tomasso, V., Ochoa, H., Reaven, G.  
2014; 37 (7): 1944-1950
- **Effect of salsalate on insulin action, secretion, and clearance in nondiabetic, insulin-resistant individuals: a randomized, placebo-controlled study.** *Diabetes care*  
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