



## Ivan Carcamo Oribe

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### Publications

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#### PUBLICATIONS

- **Properties of structural variants and short tandem repeats associated with gene expression and complex traits.** *Nature communications*  
Jakubosky, D., D'Antonio, M., Bonder, M. J., Smail, C., Donovan, M. K., Young Greenwald, W. W., Matsui, H., i2QTL Consortium, D'Antonio-Chronowska, A., Stegle, O., Smith, E. N., Montgomery, S. B., DeBoever, C., et al  
2020; 11 (1): 2927
- **Discovery and quality analysis of a comprehensive set of structural variants and short tandem repeats.** *Nature communications*  
Jakubosky, D., Smith, E. N., D'Antonio, M., Jan Bonder, M., Young Greenwald, W. W., D'Antonio-Chronowska, A., Matsui, H., i2QTL Consortium, Stegle, O., Montgomery, S. B., DeBoever, C., Frazer, K. A., Bonder, M. J., et al  
2020; 11 (1): 2928
- **Genomic integrity of human induced pluripotent stem cells across nine studies in the NHLBI NextGen program.** *Stem cell research*  
Kanchan, K., Iyer, K., Yaneck, L. R., Carcamo-Oribe, I., Taub, M. A., Malley, C., Baldwin, K., Becker, L. C., Broeckel, U., Cheng, L., Cowan, C., D'Antonio, M., Frazer, et al  
2020; 46: 101803
- **FAM13A affects body fat distribution and adipocyte function.** *Nature communications*  
Fathzadeh, M., Li, J., Rao, A., Cook, N., Chennamsetty, I., Seldin, M., Zhou, X., Sangwung, P., Gloudemans, M. J., Keller, M., Attie, A., Yang, J., Wabitsch, et al  
2020; 11 (1): 1465
- **TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells.** *PLoS genetics*  
Kim, J. B., Pjanic, M., Nguyen, T., Miller, C. L., Iyer, D., Liu, B., Wang, T., Sazonova, O., Carcamo-Oribe, I., Matic, L. P., Maegdefessel, L., Hedin, U., Quertermous, et al  
2017; 13 (5)
- **Induced Pluripotent Stem Cell-Derived Endothelial Cells in Insulin Resistance and Metabolic Syndrome.** *Arteriosclerosis, thrombosis, and vascular biology*  
Carcamo-Oribe, I., Huang, N. F., Quertermous, T., Knowles, J. W.  
2017; 37 (11): 2038-42
- **Analysis of Transcriptional Variability in a Large Human iPSC Library Reveals Genetic and Non-genetic Determinants of Heterogeneity.** *Cell stem cell*  
Carcamo-Oribe, 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
- **Nat1 Deficiency Is Associated with Mitochondrial Dysfunction and Exercise Intolerance in Mice** *CELL REPORTS*  
Chennamsetty, I., Coronado, M., Contrepolis, K., Keller, M. P., Carcamo-Oribe, I., Sandin, J., Fajardo, G., Whittle, A. J., Fathzadeh, M., Snyder, M., Reaven, G., Attie, A. D., Bernstein, et al  
2016; 17 (2): 527-540
- **Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells that Contribute to the Fibrous Cap.** *Genomics data*

Nurnberg, S. T., Cheng, K., Raiesdana, A., Kundu, R., MILLER, C. L., Kim, J. B., Arora, K., Carcamo-Oribe, I., Xiong, Y., Tellakula, N., Nanda, V., Murthy, N., Boisvert, et al  
2015; 5: 36-37

● **Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells That Contribute to the Fibrous Cap.** *PLoS genetics*

Nurnberg, S. T., Cheng, K., Raiesdana, A., Kundu, R., Miller, C. L., Kim, J. B., Arora, K., Carcamo-Oribe, I., Xiong, Y., Tellakula, N., Nanda, V., Murthy, N., Boisvert, et al  
2015; 11 (5)

● **Identification and validation of N-acetyltransferase 2 as an insulin sensitivity gene** *JOURNAL OF CLINICAL INVESTIGATION*

Knowles, J. W., Xie, W., Zhang, Z., Chennemsetty, I., Assimes, T. L., Paananen, J., Hansson, O., Pankow, J., Goodarzi, M. O., Carcamo-Oribe, I., Morris, A. P., Chen, Y. I., Maekinen, et al  
2015; 125 (4): 1739-1751

● **Regulation of Human Bone Marrow Stromal Cell Proliferation and Differentiation Capacity by Glucocorticoid Receptor and AP-1 Crosstalk** *JOURNAL OF BONE AND MINERAL RESEARCH*

Carcamo-Oribe, I., Gaztelumendi, A., Delgado, J., Tejados, N., Dorronsoro, A., Fernandez-Rueda, J., Pennington, D. J., Trigueros, C.  
2010; 25 (10): 2115-2125

● **ERK2 protein regulates the proliferation of human mesenchymal stem cells without affecting their mobilization and differentiation potential** *EXPERIMENTAL CELL RESEARCH*

Carcamo-Oribe, I., Tejados, N., Delgado, J., Gaztelumendi, A., Otaegui, D., Lang, V., Trigueros, C.  
2008; 314 (8): 1777-1788