Selected peer-reviewed publications (representative from 97).

1.Agarwal, S., C. King, E. Klein, D.E. Soper, P. A. Rice, L. M. Wetzler, and **C. A. Genco.** 2005. The gonococcal Fur-regulated *tbpA* and *tbpB* genes are expressed during natural mucosal gonococcal infection. Infect. Immun. **73:** 4281-4287. PMCID: PMC1168583

2.Chou, H-H., H. Yumoto, M. Davey, Y. Takahashi, T. Miyamoto, F.C. Gibson and **C.A. Genco**. 2005. *Porphyromonas gingivalis* fimbria-dependent activation of inflammatory genes in human aortic endothelial cells. Infect. Immun. 73: 5367-5378. PMCID: PMC1231143

3.Yumoto, H., H.H. Chou, Y. Yakahashi, M. Davey, F.C. Gibson, and **C.A. Genco**. 2005. Sensitization of human aortic endothelial cells to lipopolysaccharide via regulation of Toll-like receptor 4 by bacterial fimbria-dependent invasion. Infect. Immun. 73: 8050-8059. PMCID: PMC1307031

4. Miyamoto, T., H. Yumoto, Y. Takahashi, M. Davey, F.C. Gibson, and **C.A. Genco**. 2006. Pathogen-accelerated atherosclerosis occurs early after exposure and can be prevented via immunization. Infect. Immun. 74: 1376-1380. PMCID: PMC1360301

5.Takahashi, Y., M. Davey, Yumoto, H., F.C. Gibson, and **C.A. Genco**. 2006 Fimbria-dependent activation of pro-inflammatory molecules in *Porphyromonas gingivalis* infected human aortic endothelial cells. Cellular Microbiol. 8: 738-757. PMID: 16611224

6.Gibson, F.C. and **C.A. Genco**. 2007. *Porphyromonas gingivalis* mediated periodontal disease and atherosclerosis: Disparate disease with commonalities in pathogenesis through TLRs. Current Pharmaceutical Design. 13: 3665-3675. PMID: 18220804

7.Liu, X., T. Ukai, H. Yumoto, M. Davey, F.C. Gibson, and **C.A. Genco**. 2008. TLR2 plays a critical role in the atherosclerotic inflammatory response in apolipoprotein E- deficient mice that is independent of dietary lipids. Atherosclerosis. 196:146-154. PMCID: PMC2243224

8.Davey, M., X. Liu, T. Ukai, V. Jain, C. Gudino, F.C. Gibson III, D. Golenbock, A. Visintin, and **C.A. Genco**. 2008. Bacterial fimbriae stimulate proinflammatory activation in the endothelium through distinct TLRs. J. Immunol. 180: 2187-2195. PMID: 18250425

9.Agarwal, S., S. Sebastian, B. Szmigielski, P. A. Rice, and **C. A. Genco.** 2008. Expression of the gonococcal global regulatory Fur, and genes encompassing the Fur and iron regulon during *in vitro* and *in vivo* infection in women. J. Bacteriol. 190:3129-3139. PMCID: PMC2347397

10.Follows, S., J. Murlidharan, P. Massari, L.M. Wetzler, and **C.A. Genco.** 2009. *Neisseria gonorrhoeae* infection protects human cervical epithelial cells from apoptosis via expression of host anti- apoptotic proteins. Infect. Immun. **77:** 3602-3610. PMCID: PMC2738021

11.Hayashi, C., A.G. Madrigal, X. Liu, C. Hayashi, T. Ukai, S. Goswami, C. Gudino, F.C. Gibson, and **C.A. Genco**. 2010. Pathogen mediated inflammatory atherosclerosis is mediated in part via TLR2 induced inflammatory responses. J. Innate Immunity. 2:334-343. PMCID: PMC2895755

12.Madrigal, A.G., K. Barth, G. Papadolous, and **C.A. Genco**. 2012. *Porphyromonas gingivalis* induced proteolysis of the receptor interacting proteins 1 and 2 in human aortic endothelial cells. Plos Pathogens. 8: 6: e1002723. http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1002723

13.Chie Hayashi, George Papadopoulos, Cynthia V. Gudino, Ellen O. Weinberg, Kenneth R. Barth, Andres G. Madrigal, Michael LaValley, Frank C. Gibson III, Yang Chen, Hua Ning, **James A. Hamilton** and Caroline A. Genco. Protective role for TLR4 signaling in atherosclerosis progression as revealed by infection with a common oral pathogen. J Immunol. 2012. In press. PMCID: PMC3448820

14.Carrion, J., E. Scisci, B. Miles, G. Sabino, A. Zeituni, Y. Gu, A. Bear, **C.A. Genco,** D.L. Brown and C.W. Cutler**.** 2012. Pathogen dissemination by myeloid dendritic cells (mDCs), its role in coronary artery disease risk in humans. J. Immunol. In Press.