

-PATENTS-

- "Methods for detecting *C. canimorsus* capsular serotypes in a sample" (Application No. 17156688.8-1404)
- "Lipoprotein export signals and uses thereof" (Application No.16183962.6-1402)
- "Uses of dipeptidyl peptidase 7 (DPP7) polypeptide" (Application No. 16177150.6-1401)

-PUBLICATIONS-

- Hess, E, **Renzi, F ***, Koudad, D, Dol, M, & Cornelis, GR 2017, 'Identification of virulent *Capnocytophaga canimorsus* isolates by capsular typing' *Journal of clinical microbiology*. Jun;55(6):1902-1914. doi: 10.1128/JCM.00249-17. * **equal contribution**.
- Hack, K, **Renzi, F**, Hess, E, Lauber, F, Douxfils, J, Dogné, JM & Cornelis, GR 2016, 'Inactivation of human coagulation factor X by a protease of the pathogen *Capnocytophaga canimorsus*' *Journal of thrombosis and haemostasis: JTH*. DOI: 10.1111/jth.13605
- **Renzi, F**, Ittig, SJ, Sadovskaya, I, Hess, E, Lauber, F, Dol, M, Shin, H, Mally, M, Fiechter, C, Sauder, U, Chami, M & Cornelis, G 2016, 'Evidence for a LOS and a capsular polysaccharide in *Capnocytophaga canimorsus*' *Scientific Reports*. DOI: 10.1038/srep38914
- Lauber, F, Cornelis, G & **Renzi, F** 2016, 'Identification of a New Lipoprotein Export Signal in Gram-Negative Bacteria' *mBio*. DOI: 10.1128/mBio.01232-16
- **Renzi, F**, Zaehringer, U, Chandler, CE, Ernst, RK, Cornelis, G & Ittig, S 2015, 'Modification of the 1-phosphate group during biosynthesis of *Capnocytophaga canimorsus* lipid A' *Infection and Immunity*, vol 84, no. 2, doi: 10.1128/IAI.01006-15, pp. 550-561. DOI: doi: 10.1128/IAI.01006-15, 10.1128/IAI.01006-15
- Magnette, A, Huang, TD, **Renzi, F**, Bogaerts, P, Cornelis, GR & Glupczynski, Y 2015, 'Improvement of identification of *Capnocytophaga canimorsus* by matrix-assisted laser desorption ionization-time of flight mass spectrometry using enriched database' *Diagnostic Microbiology and Infectious Disease*, vol 84, no. 1, pp. 12-15. DOI: 10.1016/j.diagmicrobio.2015.09.016
- **Renzi, F**, Dol, M, Raymackers, A, Manfredi, P & Cornelis, G 2015, 'Only a subset of *C. canimorsus* strains is dangerous for humans' *Emerging Microbes & Infections*. DOI: 10.1038/emi.2015.48, 10.1038/emi.2015.48
- **Renzi, F**, Manfredi, P, Dol, M, Fu, J, Vincent, S & Cornelis, GR 2015, 'Glycan-foraging systems reveal the adaptation of *Capnocytophaga canimorsus* to the dog mouth' *mBio*, vol 6, no. 2, e02507-14. DOI: 10.1128/mBio.02507-14

- Manfredi, P, **Renzi, F** & Cornelis, G 2015, 'Draft Genome Sequences of Three Capnocytophaga canimorsus Strains Isolated from Septic Patients' Genome Announcements. DOI: 10.1128/genomeA.00193-15
- Manfredi, P, **Renzi, F** & Cornelis, G 2015, 'Draft Genome Sequences of Three Capnocytophaga cynodegmi Strains Isolated from the Oral Cavity of Healthy Dogs' Genome Announcements. DOI: 10.1128/genomeA.00200-15
- Manfredi, P, **Renzi, F** & Cornelis, G 2015, 'Draft Genome Sequences of Three Capnocytophaga canimorsus Strains Isolated from Healthy Canine Oral Cavities' Genome Announcements. DOI: 10.1128/genomeA.00199-15
- Manfredi, P, Lauber, F, **Renzi, F**, Hack, K, Hess, E & Cornelis, GR 2014, 'New iron acquisition system in Bacteroidetes' Infection and Immunity, vol 83, no. 1, pp. 300-310. DOI: 10.1128/IAI.02042-14
- Manfredi, P, **Renzi, F**, Mally, M, Sauter, L, Schmalzer, M, Moes, S, Jenö, P & Cornelis, GR 2011, 'The genome and surface proteome of Capnocytophaga canimorsus reveal a key role of glycan foraging systems in host glycoproteins deglycosylation' Molecular microbiology, vol 81, no. 4, pp. 1050-1060. DOI: 10.1111/j.1365-2958.2011.07750.x
- **Renzi, F**, Manfredi, P, Mally, M, Moes, S, Jenö, P & Cornelis, GR 2011, 'The N-glycan glycoprotein deglycosylation complex (Gpd) from Capnocytophaga canimorsus deglycosylates human IgG' Plos Pathogens, vol 7, no. 6, pp. e1002118. DOI: 10.1371/journal.ppat.1002118
- **Renzi, F**, Rescalli, E, Galli, E & Bertoni, G 2010, 'Identification of genes regulated by the MvaT-like paralogues TurA and TurB of Pseudomonas putida KT2440' Applied and Environmental Microbiology, vol 12, no. 1, pp. 254-263. DOI: 10.1111/j.1462-2920.2009.02064.x
- Casutt-Meyer, S, **Renzi, F** *, Amstutz, M, Cornelis, GR, Schmalzer, M & Jann, NJ 2010, 'Oligomeric coiled-coil adhesin YadA is a double-edged sword' PLoS ONE, vol 5, no. 12, pp. e15159. DOI: 10.1371/journal.pone.0015159 * **equal contribution.**
- Vitale, E, Milani, A, **Renzi, F**, Galli, E, Rescalli, E, Bertoni, G & De Lorenzo, V 2008, 'Transcriptional wiring of the TOL plasmid regulatory network to its host involves the submission of the σ_{54} -promoter Pu to the response regulator PprA' Molecular microbiology, vol 69, no. 3, pp. 698-713. DOI: 10.1111/j.1365-2958.2008.06321.x
- Di Gennaro, P, Ferrara, S, Bestetti, G, Sello, G, Solera, D, Galli, E, **Renzi, F** & Bertoni, G 2008, 'Novel auto-inducing expression systems for the development of whole-cell biocatalysts' Applied Microbiology and Biotechnology, vol 79, no. 4, pp. 617-625. DOI: 10.1007/s00253-008-1460-z