

## Giulia Barbieri – List of publications

### Publications on international peer-reviewed indexed journals

1. Chiarelli LR, Scoffone VC, Trespidi G, **Barbieri G**, Riabova O, Monakhova N, Porta A, Manina G, Riccardi G, Makarov V, Buroni S. 2020. Chemical, metabolic and cellular characterization of a FtsZ inhibitor effective against *Burkholderia cenocepacia*. *Frontiers in Microbiology* 11:562
2. Scoffone VC, **Barbieri G**, Buroni S, Scarselli M, Pizza M, Rappuoli R, Riccardi G. 2020. Vaccines to Overcome Antibiotic Resistance: The Challenge of *Burkholderia cenocepacia*. *Trends Microbiol* 28:315-326.
3. Mori G, Orena BS, Cultrera I, **Barbieri G**, Albertini AM, Ranzani GN, Carnevali I, Tibiletti MG, Pasca MR. 2019. Gut Microbiota Analysis in Postoperative Lynch Syndrome Patients. *Front Microbiol* 10:1746.
4. Scoffone VC, Trespidi G, Chiarelli LR, **Barbieri G**, Buroni S. 2019. Quorum Sensing as Antivirulence Target in Cystic Fibrosis Pathogens. *Int J Mol Sci* 20.
5. Mori G, Rampelli S, Orena BS, Rengucci C, De Maio G, **Barbieri G**, Passardi A, Casadei Gardini A, Frassinetti GL, Gaiarsa S, Albertini AM, Ranzani GN, Calistri D, Pasca MR. 2018. Shifts of Faecal Microbiota During Sporadic Colorectal Carcinogenesis. *Sci Rep* 8:10329.
6. **Barbieri G**, Albertini AM, Ferrari E, Sonenshein AL, Belitsky BR. 2016. Interplay of CodY and ScoC in the Regulation of Major Extracellular Protease Genes of *Bacillus subtilis*. *J Bacteriol* 198:907-20.
7. Belitsky BR, **Barbieri G**, Albertini AM, Ferrari E, Strauch MA, Sonenshein AL. 2015. Interactive regulation by the *Bacillus subtilis* global regulators CodY and ScoC. *Mol Microbiol* 97:698-716.
8. **Barbieri G**, Voigt B, Albrecht D, Hecker M, Albertini AM, Sonenshein AL, Ferrari E, Belitsky BR. 2015. CodY regulates expression of the *Bacillus subtilis* extracellular proteases Vpr and Mpr. *J Bacteriol* 197:1423-32.
9. **Barbieri G**, Palumbo S, Gabrusiewicz K, Azzalin A, Marchesi N, Spedito A, Biggiogera M, Sbalchiero E, Mazzini G, Miracco C, Pirtoli L, Kaminska B, Comincini S. 2011. Silencing of cellular prion protein (PrPC) expression by DNA-antisense oligonucleotides induces autophagy-dependent cell death in glioma cells. *Autophagy* 7:840-53.
10. Comincini S, Paolillo M, **Barbieri G**, Palumbo S, Sbalchiero E, Azzalin A, Russo MA, Schinelli S. 2009. Gene expression analysis of an *EGFR* indirectly related pathway identified *PTEN* and *MMP9* as reliable diagnostic markers for human glial tumor specimens. *J Biomed Biotechnol* 2009:924565.
11. Azzalin A, Sbalchiero E, **Barbieri G**, Palumbo S, Muzzini C, Comincini S. 2008. The doppel (Dpl) protein influences *in vitro* migration capability in astrocytoma-derived cells. *Cell Oncol* 30:491-501.
12. Sbalchiero E, Azzalin A, Palumbo S, **Barbieri G**, Arias A, Simonelli L, Ferretti L, Comincini S. 2008. Altered cellular distribution and sub-cellular sorting of doppel (Dpl) protein in human astrocytoma cell lines. *Cell Oncol* 30:337-47.

### Book chapters

1. **Barbieri G**, Calabria A, Chotani G, Ferrari E. 2019. *Bacillus* and the story of protein secretion and production, p 3-27. In Komives C, Zhou W (ed), *Bioprocessing Technology for Production of Biopharmaceuticals and Bioproducts*. John Wiley & Sons, Hoboken (NJ), USA.