Anna Górska, PhD

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Education

Feb 2019 **PhD degree with Summa cum laude in Bioinformatics**, *Bioinformatics approaches to study antibiotics resistance emergence across levels of biological organization.*, Center for Bioinformatics, Faculty of Science, University of Tübingen, Germany.

Nov 2013 **MSc degree with Very Good in Macro-field of Study, Bioinformatics ans Systems Biology**, Faculty of Mathematics, Informatics and Mechanics, University of Warsaw, Poland.

Sep 2011 **BSc degree in Macro-field of Study, Bioinformatics and Systems Biology**, Faculty of Mathematics, Informatics and Mechanics, University of Warsaw, Poland.

Employment

since Apr 2019 **Postdoctoral researcher in Infectious Diseases, ValueDX project in group of Prof. Evelina Tacconelli**, *University of Verona, Italy*.

Sep 2013 - Mar 2019 **PhD student in Algorithms for Bioinformatics group supervised by Prof. Daniel Huson**, *Center for Bioinformatics Tübingen*.

Sep 2013 - Jan 2019 **PhD program International Max Planck Research School From Molecules to Organisms**, *Max Planck Institute for Developmental Biology and University of Tübingen*, Germany.

14 Mar - 20 Apr 2016 **Internship in Prof. Mihai Pop's group**, *Center for Bioinformatics and Computational Biology, University of Maryland*, USA.

Jul – Sep 2012 **Internship in Prof. Andrew J. McCammon's group**, *University of California San Diego*, USA.

Jun 2011 - Sep 2013 **Graduate student fellowship in the TEAM project, co-founded by The Foundation for Polish Science at Biomolecular Machines Laboratory, supervised by Prof. Joanna Trylska**, *Centre of New Technologies "Ochota", University of Warsaw*, Poland.

2009 - 2010 **Internship in Prof. Janusz Bujnicki's group at Laboratory of Bioinformatics and Protein Engineering**, *International Institute of Molecular and Cell Biology*, Warsaw, RNA structure modeling.

Current projects

ValueDX **Development of the clinical algorithm for diagnosis of the community acquired respiratory-tract infections**.

Meta-analysis **Automatisation of meta-analysis.**.

ORCHESTRA **A member of the coordinator team, delegated to the data collection and analysis (Work-Packages 2 and 7)**.

ENACT **Impact of the SARS-CoV-2 infection and therapy on the human gut microbiome.**.

CIK **Assembly and comparison of the *C. Koseri* strains isolated from outbreak in the Verona hospital NICU**.

Main publications

2023 **Gentilotti E., Górska A., Tami A., Gusinow R., Mirandola M., Rodríguez Baño J., R Palacios Baena Z., .. Tacconelli E.,** , *Clinical phenotypes and quality of life to define post-COVID-19 syndrome: a cluster analysis of the multinational, prospective ORCHESTRA cohort.*, eClinical Med..

2022 **Tacconelli E., Górska A., Carrara E., Davis R. J., .., Jaenisch T.**, *Challenges of data sharing in European Covid-19 projects: A learning opportunity for advancing pandemic preparedness and response.*, The Lancet Regional Health - Europe.

2022 **Righi E., Lambertenghi L., Górska A., Sciammarella C., Ivaldi F., Mirandola M., Sartor A., Tacconelli E.**, *Impact of COVID-19 and Antibiotic Treatments on Gut Microbiome: A Role for Enterococcus spp.*, Biomedicines.

2022 **Tacconelli E., Göpel S., Gladstone B. P, ..., Kern W. V.** , *Development and validation of BLOOMY prediction scores for 14-day and 6-month mortality in hospitalised adults with bloodstream infections: a multicentre, prospective, cohort study.*, Lancet Infect. Dis.

2022 **Gentilotti E., De Nardo P., Cremonini E., Górska A., Mazzaferri F., .., Tacconelli E.**, *Diagnostic accuracy of point-of-care tests in acute community-acquired lower respiratory tract infections. A systematic review and meta-analysis.*, CMI.

2021 **Hellou M. M., Górska A. Mazzaferri F., Cremonini E., Gentilotti E., De Nardo P., Pomar I., Leeflang M. M, Tacconelli E., Paul M.**, *Nucleic-acid-amplification tests from respiratory samples for the diagnosis of coronavirus infections: systematic review and meta-analysis.*, CMI.

2019 **Tacconelli E., Górska A., Angelis G., Lammens C., Restuccia G., Huson D. H., .., Kazma, M.**, *Estimating the Association between Antibiotic Exposure and Colonisation with Antibiotic-resistant Bacteria using Machine-learning Methods*, Journal of Antimicrobial Chemotherapy.

2019 **Arumugam K., Bağcı, C., Bessarab, I., Beier, S., Buchfink, B., Górska, A., Qiu, G., Huson, D. H., Williams R.**, *Annotated bacterial chromosomes from frame-shift-corrected long read metagenomic data*, Microbiome, 7.

2018 **Górska, A., Peter, S., Willmann, M., Autenrieth, I., Schlaberg, R., Huson, D.H., 2018.**, *Dynamics of the human gut phageome during antibiotics treatment.*, Comput. Biol. Chem..

2016 **Huson D., Beier S., Flade I., Górska A., El-Hadidi M., Mitra S., and others**, *MEGAN Community Edition - Interactive Exploration and Analysis of Large-Scale Microbiome Sequencing Data*, PLoS Comput Biol, 12, 4–12.

2016 **Górska A., Markowska-Zgrajek A., Równicki M., Trylska J.**, *Scanning of 16S ribosomal RNA for peptide nucleic acid and targets*, J Phys Chem B..

2015 **Górska A., Jasiński M., and Trylska J.**, *MINT: Software to Identify Motifs and Short-Range Interactions in Trajectories of Nucleic Acids*, NAR, 43.