




# LILIAN MARIE BOLL

*born 03.12.1996 in Hamburg, Germany*

## CONTACT

 lilianboll@mailbox.org

 +49 157 565 693 66

 Lütten Barg 32,  
22850 Norderstedt  
Germany

## ABOUT ME

Creativity, responsibility and good communication skills are the characteristics that set me apart. I like to spend my free time exercising, drawing or playing the guitar.

My friends value especially my positivity and high spirits.

## HONORS & AWARDS

- First prize in the 2019 entrepreneurship eHealth challenge on air pollution and NCDs by [Young Leaders for Health](#). As our winning project, we came up with a smart innovation to lower air pollution levels around schools to improve children's health.
- Obtaining the highest possible grade for my MSc thesis (2020)
- Obtaining the highest possible grade for my BSc thesis (2018)

## EDUCATION

### SINCE OCTOBER 2020

#### UNIVERSITAT POMPEU FABRA, BARCELONA

##### M.SC. IN BIOINFORMATICS

This second master's in bioinformatics provides me with the skills to program and use computational tools for my future career as a biomedical researcher.

### 2018-2020

#### UNIVERSITY OF SOUTHERN DENMARK, ESBJERG

##### M.SC. IN PUBLIC HEALTH (GRADE 11.6)

(Best possible grade: 12 and worst possible grade -3)

*Thesis: Prenatal greenspace exposure and cord blood cortisol levels: A cross-sectional study in a middle-income country.*

The combination of statistics, applied medical theory and socio-political context gave me an overarching insight into today's burdens of global health and taught me how to plan, monitor and assess a variety of projects.

### 2015-2018

#### PHILIPPS-UNIVERSITÄT, MARBURG

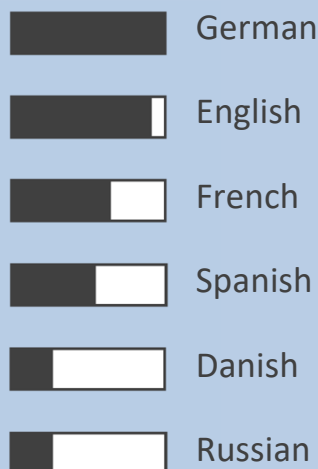
##### B.SC. IN BIOMEDICAL SCIENCES (GRADE 1,9)

(Best possible grade: 1,0 and worst possible grade: 6,0)

*Thesis: Detyronisation of Microtubules in MDCK-cells and its influence on their migration ability.*

The demanding, scientific workload sharpened my analytical skills, self-discipline and equipped me with a strong biomedical understanding of the biomedical field.

## SKILLS



## INTERESTS



## PUBLICATIONS

**Boll, L. M.,** Khamirchi, R., Alonso, L., Llurba, E., Óscar, J. P., & Dadvand, P. **Prenatal Greenspace Exposure and Cord Blood Cortisol Levels.** *Environment International* (**Impact factor: 7.94, D1**). 2020; 144:106047. doi: 10.1016/j.envint.2020.106047.

**Built and natural environments and neurodevelopment in children: a systematic review.** Sakhvidi, M. J.Z, de Keijzer, C., Bauwelinck, M., Boll, L. M., Knobel, P., Jacquemin, B., Dadvand, P. (under review).

Furthermore, I am currently preparing another scientific paper based on the analysis that I led on the effect of greenspace exposure on phobia in school children in Barcelona.

## WORK & VOLUNTEERING EXPERIENCE

### January to July 2018

#### **Research Assistant, Philipps Universität Marburg**

Internship in the laboratory for cytopathology of Prof. Ralf Jacob taught me to be reliable and structure my own projects from the first idea to their implementation.

### September to February 2019

#### **Research Assistant, ISGlobal Barcelona**

As part of my master's in Public Health, I worked in the department of Environmental and Children Health. Inter alia, I improved my skills in scientific writing and statistical data analysis.

### November to February 2019

#### **Volunteering at Esperança, Barcelona**

During my stay in Spain, I supported the organization Esperança by distributing food and clothing to homeless in the streets of Barcelona.

## EXPERTISE

- Statistical Software: STATA, RStudio, Excel
- Programming Languages: Perl, R, Python, Bash/Shell, awk
- Biomedical Skills: fluorescent microscopy, immunohistology, cell culture, PCR, GM cells, western blotting