

# ELENA OLMASTRONI

MSc / Fellowship

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## **Education**

September 2014-March  
2017

**Master's Degree in Biostatistics**  
University of Milan Bicocca

September 2011-October  
2014

**Bachelor's Degree in Statistics**  
University of Florence

## **Research and academic experience**

September 2016-February  
2017

**Karolinska Institutet, Centre for  
Pharmacoepidemiology, Stockholm, Sweden**  
*Study, research and training activities*

March 2014-July 2014

**Institute for the Study and Cancer Prevention,  
Florence, Italy**  
*Study, research and training activities*

## **Research activities**

Support the medical and biological research with mathematical and statistical methods: Protocol Development & Design, Data Management, Study Implementation, Study Monitoring, Data Analysis & Reporting.

Analyze and study the determining factors that impact the health and well-being of people in order to arrive at conclusions about disorders, disease, or other health risks.

Design, conduction, monitoring and analysis of epidemiological studies, pharmacoepidemiology, pharmaco-utilization (drug use profile, capture and evaluation of potential side effects of medications, characteristics of users) and prescribing appropriateness studies.

### ***Professional memberships***

International Society for Pharmaceutical Engineering (ISPE)

European Atherosclerosis Society (EAS)

Società Italiana per lo studio dell'Aterosclerosi (SISA)

Società Italiana di Terapia Clinica e Sperimentale (SITECS)

### ***Collaborations***

University of Milano-Bicocca

Bassini Hospital

Institute of biomedical technologies

Humanitas Research Hospital

### ***Most relevant publications***

*Proprotein convertase subtilisin-kexin type-9 (pcsk9) and triglyceride-rich lipoprotein metabolism: facts and gaps.*

Baragetti A, Grejtakova D, Casula M, Olmastroni E, Jotti GS, Norata GD, Catapano AL, Bellosta S. Pharmacol Res. 2018 Feb 8. pii: S1043-6618(17)31656-0.