



# Luca Orlando, M. Sc. Eng.

Via C. Maderno 5,  
Lugano, CH-6900  
Switzerland

## Contact






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My name is Luca Orlando and I gained the master's degree in Chemical Engineering at the Politecnico of Milan. I love challenges and the chances to measure and improve my skills. I'm really determined to obtain always the best result in every situation. I believe in the possibility to achieve the success with honesty and working hard. I can work alone or in a team. I firmly believe there is always a chance in every adverse situation, just need change the point of view.

## Personal info

First name: Luca  
Surname: Orlando  
Nationality: Italian

## Professional career

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  - Date: July 2017 to current day
  - Employer: Orlando Consulting (CH)
  - Field: Medical Device, Cosmetic and Quality System
  - Type of employment: Founder
  - Position: Consultant
  
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  - Date: From April 2014 to June 2017
  - Employer: Industrie Biomediche Insubri SA (CH)
  - Field: Biomedical
  - Type of employment: Permant Employee
  - Position: Production Engineer, Quality Control Manager, Supplier Manager, Project Manager in R&D Department and Facility Manager in Production Departement
  
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  - Date: January 2016 - July 2016
  - Employer: Dentist's office Doctor Antonio Orlando (IT)
  - Field: Medical
  - Type of employment: Not official employment
  - Position: Director
  
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  - Date: October 2013 – March 2014
  - Employer: Industrie Biomediche Insubri SA (CH)
  - Field: Biomedical
  - Type of employment: Intern
  - Position: Production Engineer, vice-manager R&D
  
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  - Date: July 2013 – December 2013
  - Employer: Industrie Biomediche Insubri SA (CH)
  - Field: Biomedicale
  - Type of employment: Thesis student
  - Position: R&D



## Luca Orlando, M. Sc. Eng.

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### Participation in competitions, in conference and publications



Publication

On September 2016

**“Bioresorbable polymers for biomedical applications -  
From fundamentals to translational medicine”**

*Edited by Perale and Hilborn.*

Co-author of the Chapter 6

“Quality Management and safety of bioresorbable polymer for biomedical applications”



Conference

24<sup>th</sup> November 2015

**“Scannig electron microscopy: an instrument for the quality control and the development of new device” as Lecturer**

*Supsi University*



Competition

Februrary 2016

**Won SpeedMiUp competition (Business incubator of Bocconi University)**

Project: Social Media Art



### Education



September 2011

**Master degree with full marks: Chemical Engineering - Product Engineer**

September 2013

*Politecnico of Milan*

**Graduation Thesis:** “Analisy of bones’ cleaning procedures for biomedical applications” – Supervisor: Prof. Maurizio Masi.

**Main Subjects:** Polymers in biomedical field, Petroleum processes and technologies, Industrial Organic Chemistry, Optimization of processes.



September 2007

**Bachelor degree (93/110): Chemical Engineering**

September 2011

*Politecnico of Milan*

**Graduation Thesis:** “Synthesis of mannose functionalized polymers for intravenous drug delivery”

Supervisor: Prof. Davide Moscatelli.

**Main Subjects: Chemical plants, Industrial Chemistry, Fluid dynamics, Business administration, Inorgnic/organic chemistry, Computer Science, Electrical engineering, Science of materials, Systems for energy production, Constructor engineering.**



### Technical courses/Upgrade courses

20th-21st March 2018 - Medical Devices in Europe: clinical evaluation & post marketing surveillance, Course and final exam (passed) - TuV Sud

25th-26th October 2017 - The new ISO 9001:2015, Course and final exam (passed) - TuV Sud

15th-16th June 2017 - The quality system in medical device field, the standard UNI CEI EN 13485:2016 Course and final exam (passed) - Bureau Veritas Italia

14th - 15th - 16th November 2016 - Cleanroom Advanced Course - CAC, Course and final exam (passed)- Politecnico of Milan - Accredited Course by ICEB

19th October 2016 – Webinar MEDDEV 2.7.1. Rev. 4 – BSI



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### **Technical courses/Upgrade courses**

10th October 2016 – English course (25 lessons) – Level B2 – Canton Ticino – Lugano

27th – 28th September 2016 – Cleanroom Basic Course - CBC – Course and final exam (passed) – Politecnico of Milan – Accredited Course by ICEB

5th-7th May 2016 - Project management fundamentals – Politecnico di Milano – Graduate School of Business

5th 7th 12th 14th April 2016 – Tecniche di audit – 16 hours with final exam (96/100) – TuV Rheinland

12th November 2015 – Workshop “Solvents in industry: security risks and environmental impact” – Supsi (Manno – Switzerland)

29th October 2015 – The process validation applied to medical device (Certificate of competence) – TÜV SÜD

8 October 2015 – ISO 9001 Workshop “How to prepare the transition through the readiness review” – BSI Training Academy

18 May 2015 – “Più spazio, più sicurezza: le nuove frontiere dell’archiviazione. Dalla gestione elettronica dei documenti (GED) all’archiviazione ottica sostitutiva (AOS)” - Aiti

14 April 2015 – La salubrità degli ambienti di lavoro – Aiti/SILAQ

February 2015 – April 2015 every Tuesday – Corsi SpeedMiUp – Argomenti principali: Redigere un business plan – Affrontare l’incontro con investitori privati e fondi di investimento – Team building – Gestione risorse.

28 November 2014 – The biology of prion diseases – University of Pavia

20 November 2014 – La brevettazione in ambito chimicofarmaceutico - Supsi University

7 November 2014 – Principi di conferma Metrologica – Metodi per la corretta gestione della strumentazione di misura - Italcert

23 October 2014 – Semplificazione del Sistema di Gestione Ambientale nell’Industria farmaceutica – Supsi

29 June 2014 – Il futuro parla IP - CC Ti

19 June 2014 - I monitoraggi biologici negli ambienti non sterili - Eurofins Biolab

17 June 2014 - Seminario Kjeldahl, Dumas, NIR -La Sapienza – Roma

15 May 2014 - La marcatura CE dei dispositivi medici –TUV

11 April 2014 - Polimeri e sviluppo sostenibile, Fonti naturali ed innovazione tecnologica –Federchimica

7 May 2013 - Storia attualità e futuro del Polipropilene, L’evoluzione continua delle materie plastiche - Politecnico of Milan

26 March 2013- 1st Formulation Day – Federchimica

October 2010 - Corso di sicurezza nei laboratori chimici - Politecnico of Milan



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### **Personal knowledge and skills**

Mother language: Italian

Other Languages: English

Reading skills: B2

Writing skills: B2

Listening skills: B2

Personal and relationals skills: Excellent team working skills acquired during the intership at Politecnico of Milano and in nineteen years of playing sports.

Technical skills:

- Writing of a business plan.
- All Microsoft operating systems: Excellent.
- All Apple operating systems: Excellent
- Office, Microsoft Access included: Excellent.
- Autocad: Good.
- Internet e e-mail: Excellent.
- Adobe Creative Suite (photoshop, illustrator, etc.): Good
- Programing languages:
  - Matlab: Excellent.
  - HTML e CSS: Sufficient.
  - C e C++: Good.
  - Java: Sufficient.
- Equipment for chemical-physical analysis
  - GPC (Gel permeation chromatography)
  - Light scattering