



CARLO DE INTINIS

COMPUTATIONAL BIOLOGIST

During my PhD I acquired computational biology skills by developing an innovative bioinformatic approach to analyze multi-omic datasets in a Systems Vaccinology project.

I also collaborated in a number of internal GSK projects, demonstrating willingness to learn, to develop professionally and attention to detail. I acquired a diverse skill set by working in a matrix organization and in a multicultural environment, demonstrating collaboration skills in working groups and accountability.

CONTACTS

- Torino, Italy
- carlo.deintinis@gmail.com
- carlo-de-intinis

LANGUAGES

- Italian native language
- English fluent

SOFT SKILLS

- accountability • ethics
- willingness to learn
- time management
- attention to details
- communication
- public speaking
- problem solving • flexibility
- teamwork • autonomy

INTERESTS

- snowboarding video editing
- trekking cooking
- swimming writing

INFORMATION

- Driving license B



EXPERIENCE

Phd Programme in Complex System for Life Sciences

GlaxoSmithKline Biologicals SA

Università degli Studi di Torino

Siena, IT | 2017-2020

- Development of data analysis pipelines
- Machine learning, Random Forests
- Constant scripting activities in R, Python, Bash
- Data analytics activities for Vaccines R&D
- Interactive data visualization programming in Dash
- Preparation of scientific papers
- Organization of internal scientific events

Intern at Exploratory Data Analytics

GlaxoSmithKline Biologicals SA

Siena, IT | 2017

Non-curricular internship aimed at improving Data Analytics and RNA-Seq experiment design skills



EDUCATION

State examination

Università degli Studi di Pavia

Pavia, IT | 2016

Qualifying examination for the profession of Biologist (section A of the Professional Association)

Master's Degree in Cellular and Molecular Biology • LM-6

Università degli Studi di Torino

Torino, IT | 2015-2016

Bachelor's Degree in Biology • L-13

Università degli Studi di Torino

Torino, IT | 2011-2014






TECHNICAL SKILLS

- R
- Python
- L^AT_EX
- Bash
- Powershell
- Inkscape
- GIMP
- Sony Vegas
- Microsoft Office



CONTACTS

 Torino, Italy
 carlo.deintinis@gmail.com
 carlo-de-intinis

LANGUAGES

- Italian native language
- English fluent

SOFT SKILLS

- accountability • ethics
- willingness to learn
- time management
- attention to details
- communication
- public speaking
- problem solving • flexibility
- teamwork • autonomy

INTERESTS

snowboarding video editing
trekking cooking
swimming writing

INFORMATION

- Driving license B



PUBLICATIONS

Giulio Ferrero, Nicola Licheri, Lucia Coscujuela Tarrero, Carlo De Intinis, Valentina Miano, Raffaele Adolfo Calogero, Francesca Cordero, Michele De Bortoli and Marco Beccuti **Docker4Circ: A Framework for the Reproducible Characterization of circRNAs from RNA-Seq Data** International Journal of Molecular Sciences 2019 Dec;21(1),293

DOI: <https://doi.org/10.3390/ijms21010293>

Lucia Coscujuela Tarrero, Giulio Ferrero, Valentina Miano, Carlo De Intinis, Laura Ricci, Maddalena Arigoni, Federica Riccardo, Laura Annaratone, Isabella Castellano, Raffaele A. Calogero, Marco Beccuti, Francesca Cordero, and Michele De Bortoli **Luminal breast cancer specific circular RNAs uncovered by a novel tool for data analysis** *Oncotarget*, 2018 Feb;9:14580-14596

DOI: <https://doi.org/10.18632/oncotarget.24522>

Virano S, Scolfaro C, Garazzino S, De Intinis C, Ghisetti V, Raffaldi I, Calitri C, Tovo PA; Regina Margherita Children's Hospital Bloodstream Infections Study Group. **Medical care related laboratory-confirmed bloodstream infections in paediatrics.** *Infez Med.* 2015 Jun;23(2):117-24. PMID: 26110291 [Publication link](#)



SCIENTIFIC CONFERENCES

- | Poster | Talk |
|---|---|
| | <ul style="list-style-type: none">• Bioinformatiha 8 conference, Bioinformatics Italian Society, Fondazione Toscana Life Sciences, University of Firenze and Pisa Firenze, IT 2019 |
| <ul style="list-style-type: none">• | <ul style="list-style-type: none">• 2019 Advanced Immunization Technologies (ADITEC) meeting, Innovative Medicine Initiative, University of Siena Siena, IT 2019 |
| | <ul style="list-style-type: none">• Bioinformatiha 7 conference, Bioinformatics Italian Society, Fondazione Toscana Life Sciences, University of Firenze and Pisa Siena, IT 2018 |