

PERSONAL INFORMATION

Katia Della Corte

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 MSN, whatsapp

Sex Female | Date of birth 26/03/1986 | Nationality Italian

WORK EXPERIENCE

Maggio 2015 – Maggio 2016

Research contract

Second University of Naples

Object: " Development of production processes of relaxin and development of methods of characterization of the products obtained"

Business or sector Fermentation and purification of recombinant protein

April 2014 – April 2015

Research contract

Second University of Naples

Object: "Biotechnological Methods for the production of molecules of pharmaceutical interest."

Business or sector Fermentation and downstream processing

March 2013– March 2014

Research contract

Second University of Naples

Object: "Biotechnological Methods for the production of molecules of pharmaceutical interest."

Business or sector Fermentation and downstream processing

February 2012– February 2013

Research contract

Second University of Naples

Object: " Screening of bacterial strains for the production of lipid A, identification of the optimal growth conditions on a small scale of the selected micro-organisms and development of purification techniques".

Business or sector Fermentation , downstream processing, molecular biology.

Novembre 2011 – Dicembre 2011

Research contract

Second University of Naples

Object: "Development of fed-batch fermentation processes on the scale of 100L for the production of bioactive molecules."

Business or sector Fermentation , downstream processing,

Giugno 2011 – Luglio 2011

Research contract

BioTekNet SCpA

Object: "Development of innovative biotechnological processes for the production of pharmacologically active molecules".

Business or sector Fermentation , downstream processing,

EDUCATION AND TRAINING

- May 2013

Enrollment in the PhD in Molecular and Cellular Biotechnology at the Second University of Naples.

Replace with EQF (or other) level if relevant
- Giugno 2013

Achievement level A2 for the knowledge of English at the British Institutes.
- February 2012

Achievement to pursue the Profession of Biologist.
- February 2011

Degree in Biotechnology for Health and the Environment at Second University of Naples with vote of 110/110.

Thesis titer: Engineering of Pichia pastoris for the production of a human hormone of pharmaceutical interest
- September 2009

Intensive English language course. Language Studies International, Cambridge (UK).
- 29 Ottobre 2008

Degree in Biotechnology at Second University of Naples with vote of 106/110.

Thesis titer: Optimization of scale-up for the production of capsular polysaccharide by mutants of Escherichia K4.
- July 2005

High school diploma, scientific address with vote of 100/100

PERSONAL SKILLS

Mother tongue(s) Italian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Intermediate level	Intermediate level	Intermediate level	Intermediate level	Intermediate level

- Job-related skills**
- Good command of fermentation processes from 2L to 100L scale;
 - good command of downstream processes (centrifugation, microfiltration, ultrafiltration, chromatography methods);
 - good command of molecular biology (PCR, SDS-PAGE, western blot, ELISA, EIA);
 - good command of analytical method (HPLC, FPLC);
 - good command of GMP (batch record, SOP, report).

Computer skills Good command of Microsoft Office™ tools (Excel, Word , Power Point, Access)

Other skills Replace with other relevant skills not already mentioned. Specify in what context they were acquired.
Example:

- carpentry

Driving licence ▪ B

ADDITIONAL INFORMATION

- Publications** Italian Journal of Anatomy and Embryology.
In vitro model based on keratinocyte to evaluate relaxin activity on wound healing exploiting time-lapse video microscopy. (2013).
Stellavato A., Cimini D., Finamore R., **Della Corte K.**, Fiandra G., De Rosa M., Schiraldi C.
- Conferences** European Congress of Biotechnology 2014.
Methods for removing endotoxin contaminants from biotechnological Chondroitin.
Marseglia M., Diana P., Alfano A., **Della Corte K.**, Di Nuzzo R., Schiraldi C.
- Conferences** Downstream processing for the 21st century. (2013).
Microbioreactor screening of engineered E. coli K4 strain for increased production of chondroitin-like capsular polysaccharide.
Cimini D., Alfano A., Carlino E., Argenzio O., **Della Corte K.**, Schiraldi C.