

# CURRICULUM VITAE



## PERSONAL INFORMATION

**Name:** Silvia

**Surname:** Ruggieri

**Place and date of birth:** Palermo, 30/07/1979

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## Professional profile

Since 2010 I work at the Italian National Research Council, Institute of Biomedicine and Molecular Immunology. My main research interests are focused on environmental epidemiology. I study the environmental exposures and human health, with special regards to risk factors for respiratory diseases and reproductive health. The main focus of my actual research is to explore human exposures to environmental contaminants that may lead to a particular health outcome.

## Education

2016 - PhD in Environmental Science at the Insubria University, Italy. Title of the thesis: "Studio della qualità dell'aria indoor in un'area altamente inquinata della Sicilia".

2004 - Degree in Natural Sciences at the University of Palermo. Title of the thesis: "La comunità dei lepidotteri in una successione secondaria post-incendio dei boschi mediterranei (Madonie, Sicilia)"

## Working experience

**20/01/2017 –**

Post-doc fellowship at the Institute of Biomedicine and Molecular Immunology, National Research Council of Italy, Palermo, (IBIM – CNR) on the topic of bio-accumulation of environmental contaminants in placenta, maternal and newborn tissues and their association with placental transcriptome, pregnancy and long-term infant outcomes. Research project: "International Centre of advanced study in environment, ecosystem and human health" – CISAS.

**2015-2016**

Research fellowship at the IBIM-CNR. Research project: "Ambienti, stili di vita e malattie cardiovascolari: dalla molecole all'uomo" (progetto premiale 2012)

**2011-2014**

Research fellowship at the IBIM-CNR. Acquisition and evaluation of environmental epidemiological parameters during an epidemiological survey on the relationship between environment and health in school and home" Research project: "Indoor and outdoor Air

### **Selected publications**

**Silvia Ruggieri**, Gaspare Drago, Valeria Longo, Paolo Colombo, Martin Balzan, David Bilocca, Christopher Zammit, Stephen Montefort, Gianluca Scaccianoce, Giuseppina Cuttitta, Giovanni Viegi, Fabio Cibella, The Respira Project Group (2017). Sensitization to dust mite defines different phenotypes of asthma: a multicenter study. *pediatr allergy immunol.* 2017; 00:1–8. <https://doi.org/10.1111/pai.12768>

Fabio Cibella, M.D.; Giuseppina Cuttitta, M.D.; Roberto Della Maggiore, M.Sc.; **Silvia Ruggieri**, Ph.D.; Simona Panunzi, Ph.D. (Math); Andrea De Gaetano, M.D., Ph.D. (Stats); Salvatore Bucchieri, M.D.; Gaspare Drago, Ph.D.; Mario R. Melis, M.D.; Stefania La Grutta, M.D.; Giovanni Viegi, M.D. (2015). Effects of indoor nitrogen dioxide on lung function in urban environment. *Environ. Res.* 138, 8-16.

### **Conferences and conventions**

**Ruggieri S**, Drago G, Bisbano A, Bucolo N, Contrino ML, Lo Presti L, Madeddu A, Magliarditi B, Paravati F, Pirillo G, Quattrone G3, Tisano F, Ziino AC, Cibella F “Cisawp5: studio di epidemiologia molecolare nei sin di Priolo, Milazzo e Crotone”. XLI congresso annuale AIE Mantova, 25-27 ottobre 2017

G. Drago, **S. Ruggieri**, L. L’Abbate, S. Canepari, C. Perrino, F. Cibella “Concentrazione di PM2.5, metalli pesanti e terre rare nell’indoor domestico come markers di esposizione a fumo di sigaretta e implicazioni sulla salute respiratoria”. VII Convegno Nazionale sul particolato atmosferico Roma, 17-20 maggio 2016

Drago G & **Ruggieri S**, L’Abbate L, Longo V, Colombo P, Zammit C, Bilocca D, Balzan M, Borg C, Viegi G, Cibella F “Indoor allergens, allergic sensitization, and airway inflammation in children living in a mediterranean areas”. International Society of Environmental Epidemiology Roma, 1-4/09/2016

**Ruggieri S**, Drago G, L’Abbate L, Canepari S, Perrino C, Cibella F “Studio della qualita’ dell’aria indoor in un’area altamente inquinata della Sicilia”. PM2016, Roma 17-20/05/2016

**Ruggieri S**, Drago G, Perrino C, Canepari S, Longo V, Balzan M, Cuttitta G, Minardi R, La Grutta S, Viegi G, Cibella F “Indoor concentration of heavy metals and rare earth elements is related to domestic smoking”. 1st international workshop on large scale population - based surveys on respiratory health in Italy and Europe Verona, 23-24 Ottobre 2014

**Ruggieri S**, Drago G, Perrino C, Canepari S, Balzan M, Cuttitta G, Piva G, Minardi R, Longo V, La Grutta S, Viegi G, Cibella F “Higher indoor PM2.5 concentration of cadmium (Cd) and thallium (Tl) is related to domestic smoking”. European Respiratory Society Annual Meeting Munich, 6-10 Settembre 2014