**Curriculum Vitae - Dr Annalisa Contursi**

**PERSONAL DETAILS**

Name Annalisa

Surname Contursi

Date of birth Aug 14th, 1986

Birth Brugg, Switzerland

e-mail annalisa.contursi@unich.it

Nationality Italian

**EDUCATION**

**2016** Course: “Animals for scientific and educational purposes (1st edition 2016)”, IZS Abruzzo and Molise "G. Caporale ", Teramo, Italy 21-28 October 2016

**2015** PhD,“Atlas of microRNA expression along the crypt-villus axis of the intestinal mucosa: relevance in colon tumorigenesis” Mario Negri Sud Foundation, Chieti-Italy Laboratory of Lipid Metabolism and Cancer and Department of Experimental and Clinical Sciences, University G. d’Annunzio, Chieti-Pescara.

**2010** Board certification as licensed biologist

**2010** Master of Science – Applied Biology, University of of Ancona, Italy. Final vote: 110/110 cum laude

**WORK EXPERIENCE**

**Nov 2015- Present** Research Associate, University of Study G.D’ Annunzio – Department of Neuroscience, Imaging and Clinical Science. Mentor: Paola Patrignani

**April 2015 – Nov 2015** Research Associate, INBB-Biostructures and Biosystems National

Institute Resarch Unit of Bari, Italy

**Jun 2014 – Mar 2014** Research Fellow at the Department of Basic Medical Sciences, Neuroscience

and Sense Organs. Mentor: Gaetano Villani

**Jan 2011- May 2014** PhD Student at Mario Negri Sud Institute, Department of Translational

Pharmacology, Laboratory of Lipid Metabolism and Cancer. Mentor:

Mariani Costantini and Antonio Moschetta

**2009-2010** Undergraduate Research Internship University of Ancona, Department of Biochemistry, Biology and Genetics Research activities: “Production of wild-type and mutant NAD(P)H dehydrogenase quinone 1 (NQO1) recombinant for assay of degradation”

**PUBLICATIONS**

***Refereed Journal Papers:***

* Cariello M\*, Contursi A, et al., **Extra-Virgin Olive Oil from Apulian Cultivars and Intestinal Inflammation**. Nutrients. 2020 Apr 14;12(4).
* Angela Sacco\*, Annalisa Bruno\*, Annalisa Contursi, et al., **Platelet-specific deletion of cyclooxygenase-1 ameliorates dextran sulfate sodium-induced colitis in mice**. J Pharmacol Exp Ther. 2019 doi: 10.1124/jpet.119.259382.
* Elena Piccinin, Annalisa Morgano A, Claudia Peres , Annalisa Contursi, et al. , **PGC-1α induced browning promotes involution and inhibits lactation in mammary glands**. Cell Mol Life Sci. 2019 Jun 1. doi:10.1007/s00018-019-03160-y.
* Meike J. Saul\*, 1 Isabell Baumann,\* Annalisa Bruno\*, Anne C. Emmerich, Julia Wellstein, Sarah M. Ottinger, Annalisa Contursi et al. **miR-574-5p as RNA decoy for CUGBP1 stimulates human lung tumor growth by mPGES-1 induction.** FASEB J. 2019 Mar 28:fj201802547R. doi:10.1096/fj.201802547R.
* Annalisa Contursi\*, Rosalia Grande\*, *et al.*, ***Platelets in cancer development and diagnosis.*** Biochem Soc Trans. 2018 Nov 12. pii: BST20180159. doi: 10.1042/BST20180159.
* Annalisa Contursi\*, Simone Schiavone\*, *et al.*, ***Therapeutic targeting of dysregulated cellular communication.*** Ann Transl Med. 2017 May;5(10):222.
* Annalisa Bruno\*, Melania Dovizio\*, Stefania Tacconelli, Annalisa Contursi, *et al.*, ***Antithrombotic Agents and Cancer***. Cancers (Basel). 2018 Jul 31;10(8). pii: E253.
* Melania Dovizio\*, Annalisa Bruno\*, Annalisa Contursi, *et al.*, ***Platelets and extracellular vesicles in cancer: diagnostic and therapeutic implications.*** Cancer Metastasis Rev. 2018 doi: 10.1007/s10555-018-9730-4.
* Paola Patrignani, Angela Sacco, Carlos Sostres, Annalisa Bruno, Melania Dovizio, Elena Piazuelo, Luigia Di Francesco, Annalisa Contursi, *et al.*, ***Low-dose aspirin acetylates cyclooxygenase-1 in human colorectal mucosa: implications for the chemoprevention of colorectal cancer.*** 2017 Clin Pharmacol Ther. Jan 31. doi: 10.1002/cpt.639;
* Annalisa Contursi\*, Angela Sacco\*, *et al.*, ***Platelets as crucial partners for tumor metastasis: from mechanistic aspects to pharmacological targeting.*** Cell Mol Life Sci.2017 May 9. doi: 10.1007/s00018-017-2536-7.
* Maricarmen Cristofaro\* , Annalisa Contursi\* *et al.*, ***Adenomatous polyposis coli (APC)-induced apoptosis of HT29colorectal cancer cells depends on mitochondrial oxidative metabolism.* Biochim Biophys Acta**. 2015,9,1719-28.

**MEETING AND CONFERENCES**

* Pescara Meeting 2018 “ Resolution of Inflammation: mechanisms, mediators and biomarkers” *Platelet-derived microparticles from obese individuals: characterization of structure, proteomics and induction of phenotypic switching in cancer and endothelial cells.* Oral presentation
* Summer School 2018 of the Else-Kröner-Fresenius-Graduiertenkolleg and the Collaborative Research Centre 1039, Löwenstein, Germany, 21-24 August 2018. *Roles of Thromboxane A2 in cancer*. Oral Presentation.
* Contursi A, MJ Saul, Baumann I, Dovizio M, Tacconelli S, Korotkova M, Jakobsson PJ, Suess B, Steinhilber D and Patrignani P. “*MicroRNA-574-5p modulates microsomal prostaglandin E synthase expression and prostaglandin E2 biosynthesis in A549 human lung carcinoma cells”,* 38th National Congress of the Italian Society of Pharmacology October 25 - 28, 2017 Rimini. Oral Presentation.
* Summer School 2016 of the Else-Kröner-Fresenius-Graduiertenkolleg and the Collaborative Research Centre 1039, Löwenstein, Germany, 29-31 August 2016. *Acetylation of cycloxygenase-1 in human Colorectal Mucosa as a target of cancer chemoprevention by low-dose aspirin.* Oral Presentation.
* Contursi A, Vacca M, Gadaleta RM, Graziano G, Moschetta A. *“Identification of microRNA cluster along the crypt-villus axis of the intestinal mucosa: relevance to colon tumorigenesis”* ABCD Congress 2015, Bologna, Italy, 17-19 September 2015. Poster.

**KEY SKILLS**

**Computer skills:**  - Office Package (Word, Excel, PowerPoint)

- Ingenuity Pathway Analysis

- Adobe Photoshop

- ImageJ & GraphPad

**Relational Skills** -Teamworker

-Good oral communication

- Outstanding writing and editing skills

**Language Skills** - English (good proficiency)

- Italian (native speaker)

**Technical Skills** -Experimental design, data analysis and interpretation

- Animal care and breeding

-Biological samples collection, processing and analysis (qPCR; WB; ELISA; microarray; histological, IHC, IHF metabolic, fluorimetric and spectrophotometric analysis; enzymatic and radio immune assay)

-Cell culture handling

-Monocyte and platelet isolation from whole blood

-Preparation and transformation of bacterial cells