

## Elena Bianca Donetti



Born: 16/12/1966

Married with two daughters

**1991** Degree student in Pharmaceutical Chemistry and Technology at Università degli Studi di Milano

**1998** Phd in "Experimental Medicine: Atherosclerosis" at Università degli Studi di Siena

**2010** Associate Professor of Human Anatomy (Facoltà di Medicina e Chirurgia, Università degli Studi di Milano)

**2002** Researcher of Human Anatomy (Facoltà di Medicina e Chirurgia, Università degli Studi di Milano)

### Academic roles

**from 2003:** PhD students' tutor at the School of Morphological, Physiological, and Sport sciences.

**from 2012:** Secretary of the Laurea degree Course in Tecniche di Laboratorio Biomedico

### Scientific roles

**from 2016:** Secretary of the Society for Cutaneous Ultrastructure Research – The skin imaging Society ([www.scur.org](http://www.scur.org))

### Scientific publications in the last 5 years

1. Guareschi S, Cova E, Cereda C, Ceroni M, **Donetti E**, Bosco DA, Trotti D, Pasinelli P. An over-oxidized form of superoxide dismutase found in sporadic amyotrophic lateral sclerosis with bulbar onset shares a toxic mechanism with mutant SOD1. *PNAS*; 2012; 109:5074-5079. **I.F. 9.68**
2. Gualerzi A, Sciarabba M, Tartaglia G, Sforza C, **Donetti E**. Acute effects of cigarette smoke on three-dimensional cultures of normal human oral mucosa. *Inhal Toxicol*; 2012; 246:382-389. **I.F. 1.91**
3. **Donetti E**, Gualerzi A, Ricceri F, Pescitelli L, Bedoni M, Prignano F. Etanercept restores a differentiated keratinocyte phenotype in psoriatic human skin: a morphological study. *Exp Dermatol*; 2012; 7:549-551. **I.F. 3.54**
4. Galmozzi A, Mitro N, Ferrari A, Gers E, Gilardi F, Godio C, Cermenati G, Gualerzi A, **Donetti E**, Rotili D, Valente S, Guerrini U, Caruso D, Mai A, Saez E, De Fabiani E, Crestani M. Inhibition of class I histone deacetylases unveils a mitochondrial signature and enhances oxidative metabolism in skeletal muscle and adipose tissue. *Diabetes*; 2013; 62:732-742. **I.F. 7.9**
5. **Donetti E**, Gualerzi A, Sardella A, Lodi G, Carrassi A, Sforza C. Alendronate impairs epithelial adhesion, differentiation and proliferation in human oral mucosa. *Oral Dis*; 2014; 20:466-472. **I.F. 2.34**
6. **Donetti E**, Cornaghi L, Gualerzi A, Baruffaldi Preis F, Prignano F. An innovative three-dimensional model of normal human skin to study the proinflammatory psoriatic effects of tumor necrosis factor-alpha and interleukin-17. *Cytokine*; 2014; 68:1-8. **I.F. 2.52**
7. Prignano F, Arnaboldi F, Cornaghi L, Landoni F, Tripo L, Baruffaldi Preis WF, **Donetti E**. Tumour necrosis factor-alpha and interleukin-17 differently affects Langerhans cell distribution and activation in an innovative three-dimensional model of normal human skin. *EJC*; 2015; 94:71-77. **I.F. 4.01**
8. Arnaboldi F, Busnelli M, Cornaghi L, Manzini S, Parolini C, Dellera F, Ganzetti GS, Sirtori CR, **Donetti E**, Chiesa G. High-density lipoprotein deficiency in genetically modified mice deeply affects skin morphology: a structural and ultrastructural study. *Exp Cell Res*; 2015; 338:105-112. **I.F. 3.25**
9. Cornaghi L, Arnaboldi F, Calò R, Landoni F, Baruffaldi Preis FW, Marabini L, **Donetti E**. Effects of UV rays and thymol/Thymus Vulgaris L. extract using an ex vivo human skin model: morphological and genotoxicological assessment. *CTO*; 2016; 201:180-189. **I.F. 2.14**
10. **Donetti E**, Cornaghi L, Arnaboldi F, Landoni F, Romagnoli P, Mastroianni N, Pescitelli L, Baruffaldi Preis FW, Prignano F. Interleukin 22 early affects keratinocyte differentiation, but not proliferation, in a three-dimensional model of normal human skin. *Exp Cell Res*; 2016; 345:247-254. **I.F. 3.25**
11. Chiricozzi A, Romanelli M, Panduri S, **Donetti E**, Prignano F. Relevance of in vitro 3-D skin models in dissecting cytokine contribution to psoriasis pathogenesis. *Histol Histopathol* ISSN: 0213-3911; e-ISSN: 1699-5848. DOI:10.14670/HH-11-877. **I.F. 1.88**

### Main research topic

Acute effects induced by exogenous agents in the epithelial compartment of an *in vitro* model of three dimensional culture of human oral mucosa and skin. Techniques: Light and transmission electron microscopy.

### Website

[www.scibis.unimi.it](http://www.scibis.unimi.it)



UNIVERSITÀ DEGLI STUDI DI MILANO

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