

## Curriculum vitae

### Anna Balato

**Current Position** Associate Professor  
Unit of Dermatology  
University of Campania “Luigi Vanvitelli”

**Work address** Via Sergio Pansini 5, 80131 Naples (Italy)

**E-mail address** [annabalato@yahoo.it](mailto:annabalato@yahoo.it)

**Nationality** Italian

**Language** Italian, fluent in English and Spanish

## Bibliometric parameters

Total number of publications (Scopus source)	220
Total number of citations (Scopus Source)	4429
h-INDEX (Scopus Source)	39
ORCID ID: <a href="http://orcid.org/0000-0001-5485-0172">http://orcid.org/0000-0001-5485-0172</a>	

## Previous position

Post-doc research fellow at Department of Dermatology, University of Maryland, School of Medicine, Baltimore, USA	2008-2009
Post-doc research fellow at Department of Dermatology, University of Naples Federico II, School of Medicine, Italy	2010-2013
Junior Researcher at Department of Advanced Biomedical Sciences, University of Naples Federico II, School of Medicine, Italy	2014-2015
Senior Researcher at Department of Advanced Biomedical Sciences, University of Naples, School of Medicine, Italy	2015-2018
Associate Professor at Department of Advanced Biomedical Sciences, University of Naples, School of Medicine, Italy	2018-2021

## Education and Professional Experience

- 1996:** Medical student, University of Naples Federico II, School of Medicine, Italy
- 1996:** Scholarship “ERASMUS” , University of Oviedo, School of Medicine, Spain
- 2002:** MD Graduation *summa cum laude*, University of Naples Federico II, School of Medicine, Italy
- 2003:** Admission to the Postgraduate School of Dermatology and Venereology, University of Naples Federico II, School of Medicine, Italy

- 2006:** Specialist in Dermatology and Venereology *summa cum laude*, University of Naples Federico II, School of Medicine, Italy
- 2006:** PhD student in Clinical Physiopathology and Experimental Medicine, University of Naples Federico II, School of Medicine, Italy
- 2008:** Post-doc research fellow, Department of Dermatology, University of Maryland, School of Medicine, Baltimore, USA
- 2010:** PhD in Clinical Physiopathology and Experimental Medicine, University of Naples Federico II, School of Medicine, Italy
- 2010:** Post-doc research fellow, Department of Dermatology, University of Naples Federico II, School of Medicine, Italy
- 2012:** National Board Certified as Associate Professor in Dermatology
- 2014:** Junior Researcher in Clinical Biochemistry and Clinical Molecular Biology, Department of Advanced Biomedical Sciences, University of Naples Federico II, School of Medicine, Italy
- 2015:** Senior Researcher in Dermatology, Department of Advanced Biomedical Sciences, University of Naples Federico II, School of Medicine, Italy
- 2017:** National Board Certified as Full Professor in Dermatology
- 2018:** Associate Professor in Dermatology, University of Naples Federico II, School of Medicine, Italy
- 2019:** National Board Certified as Full Professor in Applied Medical Technology
- 2021:** Associate Professor in Dermatology, University of Campania Luigi Vanvitelli, School of Medicine, Naples, Italy

## **Research activity**

Principal investigator or Co-investigator in more than 50 studies

## Most relevant publications

1. Therapeutics targeting the IL-23 and IL-17 pathway in psoriasis. K. Ghoreschi, A. Balato, C. Enerbäck, R. Sabat. **Lancet**. 2021;397(10275):754-766.
2. Patch test informed consent form: position statement by European Academy of Dermatology and Venereology Task Force on Contact Dermatitis. Balato A, Scala E, Ayala F, Bauer A, Crépy MN, Gonçalo M, Duus Johansen J, John SM, Rustemeyer T, Wagner N, Wilkinson M, Giménez-Arnau A. **J Eur Acad Dermatol Venereol**. 2021;35(10):1957-1962.
3. Patients' demographic and socioeconomic characteristics influence the therapeutic decision-making process in psoriasis. Scala E, Megna M, Amerio P, Argenziano G, Babino G, Bardazzi F, Bianchi L, Caldarola G, Campanati A, Cannavò SP, Chiricozzi A, Conti A, Damiani G, Dapavo P, De Simone C, Esposito M, Fabbrocini G, Fargnoli MC, Ferrara F, Fidanza R, Gualdi G, Guarneri C, Hansel K, Malagoli P, Malara G, Micali G, Mugheddu C, Musumeci ML, Odorici G, Offidani A, Pescitelli L, Prignano F, Raimondo A, Ribero S, Rongioletti F, Stingeni L, Trifirò C, Zangframundo S, Balato A. **PLoS One**. 2020;15(8):e0237267.
4. A new T helper 17 cytokine in hidradenitis suppurativa: antimicrobial and proinflammatory role of interleukin-26. Scala E, Di Caprio R, Cacciapuoti S, Caiazza G, Fusco A, Tortorella E, Fabbrocini G, Balato A. **Br J Dermatol**. 2019;181(5):1038-1045.
5. Psoriatic cutaneous inflammation promotes human monocyte differentiation into active osteoclasts, facilitating bone damage. Raimondo A, Lembo S, Di Caprio R, Donnarumma G, Monfrecola G, Balato N, Ayala F, Balato A. **Eur J Immunol**. 2017;47(6):1062-1074.
6. IL-36γ is involved in psoriasis and allergic contact dermatitis. Balato A, Mattii M, Caiazza G, Raimondo A, Patruno C, Balato N, Ayala F, Lembo S. **J Invest Dermatol**. 2016; 136:1520-3.
7. Effects of adalimumab therapy in adult subjects with moderate-to-severe psoriasis on Th17 pathway. Balato A, Schiattarella M, Di Caprio R, Lembo S, Mattii M, Balato N, Ayala F. **J Eur Acad Dermatol Venereol**. 2014; 28:1016-24.
8. The balance between pro- and anti-inflammatory cytokines is crucial in human allergic contact dermatitis pathogenesis: the role of IL-1 family members. Mattii M, Ayala F, Balato N, Filotico R, Lembo S, Schiattarella M, Patruno C, Marone G, Balato A. **Exp Dermatol**. 2013; 22:813-9.
9. Balato A, Lembo S, Mattii M, Schiattarella M, Marino R, De Paulis A, Balato N, Ayala F. IL-33 is secreted by psoriatic keratinocytes and induces pro-inflammatory cytokines via keratinocyte and mast cell activation. **Exp Dermatol**. 2012 Nov;21(11):892-4. doi: 10.1111/exd.12027. Erratum in: **Exp Dermatol**. 2012 Dec;21(12):977. PMID: 23163661.
10. Balato A, Unutmaz D, Gaspari AA. Natural killer T cells: an unconventional T-cell subset with diverse effector and regulatory functions. **J Invest Dermatol**. 2009 Jul;129(7):1628-42. doi: 10.1038/jid.2009.30. Epub 2009 Mar 5. PMID: 19262602.

## **Speaker to international meetings**

**2006:** Dermatofibrosarcoma protuberans. A Balato, EADV Summer School of Dermatopathology, Ghent, Belgium.

**2006:** “Strange, but true!” M. Scalvenzi, A. Balato, MG Francia, F. Ayala, 15th European Academy of Dermatology and Venereology (EADV) Congress 2006, Rhodes, Greece.

**2008:** “Contact Dermatitis from a Prosthesis”. A. Balato, 19th Annual Meeting, American Contact Dermatitis Society 2008, San Antonio, Texas, USA.

**2009:** “Cytotoxic activity of invariant NKT cells in human allergic contact dermatitis”. A. Balato, 67th American Academy of Dermatology Annual Meeting 2009, San Francisco, California

**2009:** “Cytotoxic activity of invariant NKT cells in human allergic contact dermatitis”. A. Balato, 39th European Society for Dermatological Research Annual Meeting, Budapest, Hungary.

**2013:** “Pro-osteoclastogenesis march is induced by cutaneous pro-inflammatory mediators”. A. Raimondo, F. Ayala, R. Di Caprio, S. Lembo, M. Mattii, M. Schiattarella, N. Balato, A. Balato, 4th Congress of the psoriasis international network “Psoriasis 2013”, Paris, France.

**2014:** “Systemic inflammation: Psoriasis as a model”. A. Balato, 3rd update on psoriatic disease, Naples, Italy.

**2014:** “From skin to the bone: pro-osteoclastogenic march”. A. Balato, ESDR (European Society of Dermatological Research) Academy for Future Leaders in Dermatology, Madrid, Spain.

**2015:** “Inside the cytokine storm: Role of “alarmin” IL-33”. A. Balato, PSO Future, Rome, Italy.

**2016:** “Psoriasis and Melanoma: A Controversial Relationship”. A. Balato, Future Leaders Symposium - Women in Science: Towards Gender Equality, 46th European Society for Dermatological Research Annual Meeting 2016, Munich, Germany.

**2016:** “IL-36γ is involved in psoriasis and allergic contact dermatitis”. A. Balato, M. Mattii, G. Caiazza, A. Raimondo, C. Patrino, N. Balato, F. Ayala, S. Lembo, 25th

European Academy of Dermatology and Venereology (EADV) Congress, Vienna, Austria.

**2016:** “Mammalian target of rapamycin is increased in hidradenitis suppurativa as well as acne and correlates with insulin resistance”. A. Balato, S. Lembo, G. Caiazza, V. De Vita, R. Di Caprio, M. Donnarumma, G. Fabbrocini, G. Monfrecola, 25th European Academy of Dermatology and Venereology (EADV) Congress, Vienna, Austria.

**2016:** “Hidradenitis suppurativa: a journey into inflammation”. A. Balato. 5th Congress of the World Union of Wound Healing Societies, Florence, Italy.

**2017:** “Eczema and Psoriasis: Is there a common denominator?”. A. Balato. Bari’s International Symposium of Allergological Occupational and Environmental Dermatology. Bari, Italy

**2017:** “New possible targets for Psoriasis: Is there room for mTOR?” A. Balato. 4<sup>th</sup> Update on Psoriatic Disease. Naples, Italy

**2018:** “Human organotypic cultures and their applications in pathophysiology of the skin” . A. Balato. EADV-ESDR Summer Research Workshop. Naples, Italy.

**2018:** “What’s new in Pathogenesis in Psoriatic Disease: What’s in it for the Dermatologists”. A. Balato, E. Scala. Educational Workshop on Psoriasis and Psoriatic Arthritis 2018, Napoli, Italia

**2020:** “Hidradenitis suppurativa: not just TNF-alpha”. A. Balato. 29th European Academy of Dermatology and Venereology (EADV) Congress, 2020.

**2022:** “Impact in contact dermatitis during and after SARS-CoV-2 pandemia”. A. Balato. 31st European Academy of Dermatology and Venereology (EADV) Congress, 2022

**2022:** “Lessons learned from comparative effectiveness research” A. Balato. 31st European Academy of Dermatology and Venereology (EADV) Congress, 2022

## Patents, Committees and Reviewing Panels

- 2011:** Member Local Organizer Committee of the National Congress  
“Congresso Nazionale di Scienze Dermatologiche”. Naples, Italy
- 2012:** Member Local Organizer Committee of the National meeting  
“Dermatologia Ambientale Cute e Clima”. Naples, Italy
- Since 2019:** Co-chair of Contact Dermatitis EADV Task Force.
- Since 2013:** Member Local Organizer Committee of the National meeting “Le  
Psoriasi”. Naples, Italy.
- 2014:** Partecipation to the Foundation of the National Association “The School  
of Psoriasis”
- Since 2015:** Member Local Organizer Committee of the 15<sup>th</sup> National Congress of  
Italian Society of Allergological, Environmental and Occupational  
Dermatology (SIDAPA), Caserta, Italy.
- Since 2015:** Member Local Organizer Committee of the 4 Editions of National  
Congress “The School of Psoriasis”.
- Since 2017:** Member of the Interdepartmental Reseach Center in Basic and Clinical  
Immunological Sciences (CISI), accredited as a Center of Excellence by  
the World Allergy Organization (WAO).
- Since 2018:** Member of SiDeMaST Task Force “Psoriasis in Women of Childbearing  
Age”.
- Since 2018:** Reviewer of Grant Proposal for National Science Centre, Poland.  
Reviewer of Grant Proposal for French National Research Agency  
Reviewer of Grant Proposal for NIHR Biomedical Research Centres (UK)
- Since 2018:** Creation of the Mobile Application “PSO-App”.

**Since 2020:** Board Member of the ESDR (European Society of Dermatological Research)

**Since 2021:** Section Editor for Practical and Conceptual Dermatology Journal

**Since 2022:** Associate Editor for Journal of Investigative Dermatology

## **Society memberships**

Member of the ESDR (European Society of Dermatological Research).

Member of the European Academy of Dermatology and Venereology (EADV)

Member of the Italian Society of Dermatology and Venereology (SIDeMaST).

Member of the Italian Association of Hospital Dermatologists (ADOI).

Member of the Italian Italian Society of Allergological, Environmental and Occupational Dermatology (SIDAPA).

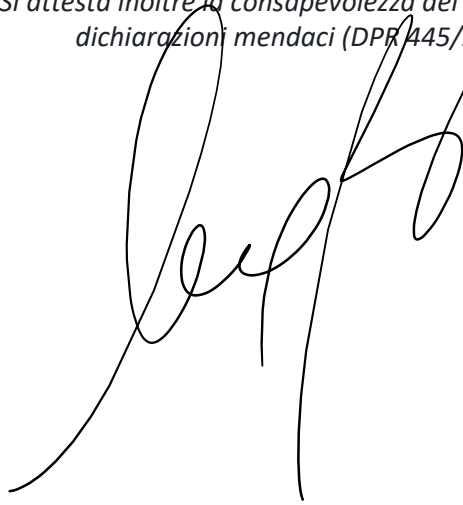
Member of Italian Society “The School of Psoriasis”

## **Editorial board and reviewing experience**

Referee for the following journals: Archives of Dermatological Research, British Journal of Dermatology, Clinical and Experimental Dermatology, Clinics in Dermatology, Contact Dermatitis, Dermatological Practical and Conceptual, Dermatologic Therapy, Dermatitis, European Journal of Dermatology, European Journal of Immunology, Experimental Dermatology, Expert Opinion on Biological Therapies, Expert Opinion on Investigational Drugs, Frontiers in Immunology, Giornale Italiano di Dermatologia e Venereologia, Journal of the European Academy of Dermatology and Venereology, Journal of the American Academy of Dermatology Journal of Immunology, Journal of Investigative Dermatology, PLoS One, Scientific Reports.



*I dati personali saranno trattati in ottemperanza a quanto richiesto dal Dgs 196/2003 e Regolamento Europeo 679/2016. Si attesta inoltre la consapevolezza del rispetto alle responsabilità connesse a dichiarazioni mendaci (DPR 445/2000 ar. 76)*

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the left.