

Busta n. 1

1) ELENCARE E DESCRIVERE GLI SCHEMI DI FINANZIAMENTO DELL' EUROPEAN RESEARCH COUNCIL

2) IL CANDIDATO ILLUSTRI LA PATOGENESI E I METODI DI STUDIO DELL'ACNE VOLGARE



Busta n. 2 - PROVA ESTRATTA

1) REQUISITI MINIMI RICHIESTI DAL MINISTERO DELLA SALUTE ITALIANO NELL'ULTIMO BANDO DELLA RICERCA FINALIZZATA PER LA QUALIFICA DI PRINCIPAL INVESTIGATOR PER I PROGETTI ORDINARI DI RICERCA FINALIZZATA, I PROGETTI COFINANZIATI E I PROGETTI ORDINARI PRESENTATI DA GIOVANI RICERCATORI

2) IL CANDIDATO ILLUSTRILA PATOGENESI E I METODI DI STUDIO DELL'IDROSADENITE SUPPURATIVA



Busta n. 3

1) IL RUOLO DELLE PIATTAFORME GISAID E ICOGEN DURANTE LA PANDEMIA DA SARS-COV-2

2) IL CANDIDATO ILLUSTRILA PATOGENESI E I METODI DI STUDIO DELLE MALATTIE BOLLOSE CUTANEE



Molecular Mechanisms of Atopic Dermatitis Pathogenesis

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1. Introduction

1. Atopic dermatitis (AD) is a recurrent, chronic, non-infectious inflammatory dermatosis
2. characterized by persistent itching of the skin. It occurs mainly in the pediatric population, with a
3. frequency of up to ~20% in this group of patients. The incidence has been increasing steadily for
4. several decades, not only in countries with a higher degree of urbanization and economy but also
5. in developing countries.

6. Such epidemiological transformation causes AD is one of the most common skin diseases in
7. childhood. The disease develops in 50–60% of cases within the first year of life, and 90% of
8. patients are up to five. Adults also suffer from AD, mostly from childhood, and there are also new
9. adulthood cases.

10. The clinical picture includes eczema-like eruptions, such as erythema, papules, exudative lesions
11. of a specific location, depending on the patient's age (infant, childhood and adulthood)
12. and various skin degrees of dryness. Due to the disease's long-term course, chronic or recurrent
13. inflammation and scratching come to skin thickening and lichenification.

14. An inherent symptom of AD is persistent itching of the skin, which interferes with daily activity
15. and causes insomnia and sleep disorder. This may significantly decrease the quality of life.
16. Itching of the skin is one of the primary diagnostic criteria of Hanifin and Rajka. Those are the
17. most recognized and most frequently used medical practice standards to diagnose AD for
18. epidemiological purposes, research and clinical trials.

19. Patients diagnosed with atopic eczema show an increased incidence of other allergic diseases.
20. Atopic dermatitis develops first, then other manifestations of allergies such as food allergy,
21. asthma and allergic rhinitis may appear. This disease sequence was called the allergic march
22. (also called the atopic triad).

23. Recently, the relationships and coexistence with other pathologies such as internal diseases,
24. including hypertension, diabetes or heart disease, as well as autoimmune diseases and mental

25. disorders, have also been studied. This research suggests a positive correlation between the
26. degree of AD's severity and the prevalence of these diseases.

27. The chronic, relapsing course of the disease, economic burden, and the whole family's
28. involvement in the treatment process immensely reduce the quality of life in the case of patients
29. and their families. It also arises as a social problem by an increase in indirect costs necessary to
30. fight the disease, such as doctor's appointments, absence from work and school or
hospitalizations.

31. The pathophysiology of atopic dermatitis is complex and multifactorial. Its understanding is
32. complicated by the number of synergized factors that influence the disease. The most important
33. are: genetic disorders, a defect in the epidermal barrier, an altered immune response and
34. disturbed microbiological balance of the skin.

35. Additionally, the environmental aspects, such as increased exposure to airborne or food
36. allergens, pollution, infections, use of antibiotics, breastfeeding duration, diet, cosmetics or
37. strong detergents, should be considered. Numerous complex changes at the genetic level, along
38. with those at the level of innate and adaptive immunity, are the basis for characterizing the
39. different phenotypes and endotypes of atopic dermatitis and developing new diagnostic and
40. therapeutic approaches.

The following paper presents some of the molecular mechanisms involved in the pathogenesis of atopic dermatitis.



CONCORSO PUBBLICO, PER TITOLI ED ESAMI, A TEMPO PER LA COPERTURA DI N° 3 POSTI DI RICERCATORE SANITARIO - CATEGORIA DS- PER LAUREATI IN SCIENZE BIOLOGICHE DA ASSEGNARE ALLE STRUTTURE DELL'ISTITUTO SAN GALLICANO (ISG)

PROVA COLLOQUIO

1. LA DERMATITE ATOPICA
- ✓ 2. LA PSORIASI
- ✓ 3. LA SIFILIDE
4. IL MELANOMA
5. INFEZIONE DA CHLAMYDIA TRACHOMATIS
- ✓ 6. LE MALATTIE INFETTIVE A TRASMISSIONE SESSUALE
- ✓ 7. LE MALATTIE INFIAMMATORIE DELLA CUTE
8. LE PORFIRIE
- ✓ 9. LA VITILIGINE
- ✓ 10. IL BIOFILM
- ✓ 11. IL MICROBIOMA
- ✓ 12. LE INFEZIONI NOSOCOMIALI
- ✓ 13. INFEZIONE DA HIV

A large, stylized handwritten mark or signature in black ink, located in the lower right quadrant of the page. It consists of several overlapping, sweeping lines that form a complex, abstract shape.

Domande Informatica

1. Cos'è il Provider

2. Cosa significa Login

~~3.~~ Cos'è word [REDACTED]

4. Cos'è la posta elettronica

~~5.~~ Cos'è il backup [REDACTED]

6. Definizione di account

7. Definizione di motore di ricerca

8. Definizione di browser

9. Definizione di software

10. Definizione di scanner

11. Definizione di hardware

~~12.~~ Che cos'è Excel [REDACTED]

13. Cosa significa zippare un documento

~~14.~~ Che cos'è una USB [REDACTED]

~~15.~~ Definizione di file [REDACTED]

16. La firma digitale

~~17.~~ La PEC [REDACTED]

18. Cos'è un data-base?

~~19.~~ Che cosa comprende il pacchetto office? [REDACTED]

~~20.~~ A cosa serve il programma Power Point? [REDACTED]

~~21.~~ Per cosa vengono utilizzate le formule in Excel [REDACTED]

22. Cosa indica l'estensione .xls?

23. Cosa indica l'estensione .doc?



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