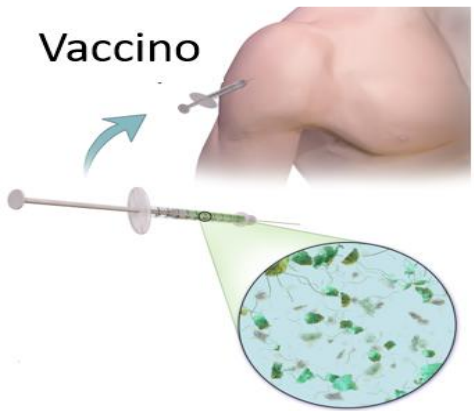


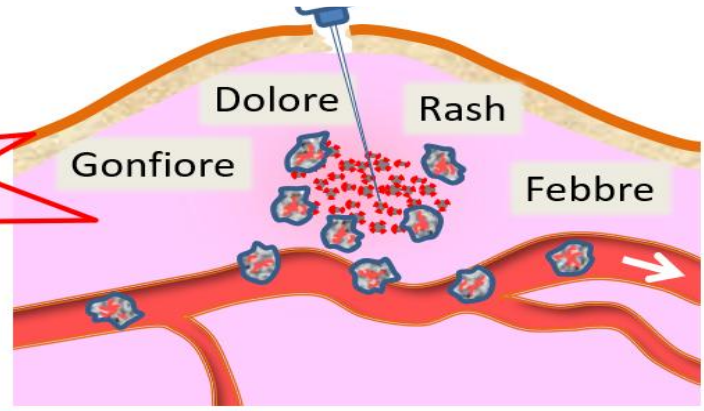
NUOVO LIBRO  
(Marzo 2026)



# REAZIONI AI VACCINI



**Immunità innata (infiammazione)**



**Immunità specifica**

Linfociti

Anticorpi

- SE ECCESSIVA**
- Febbre >40,5 e convulsioni (con eventuale anossia cerebrale)
  - Polmonite interstiziale
  - Encefalite (virus e forse alluminio)
  - Anafilassi
  - Neurite brachiale
  - Miofascite macrofagica
  - Trombosi (Covid)

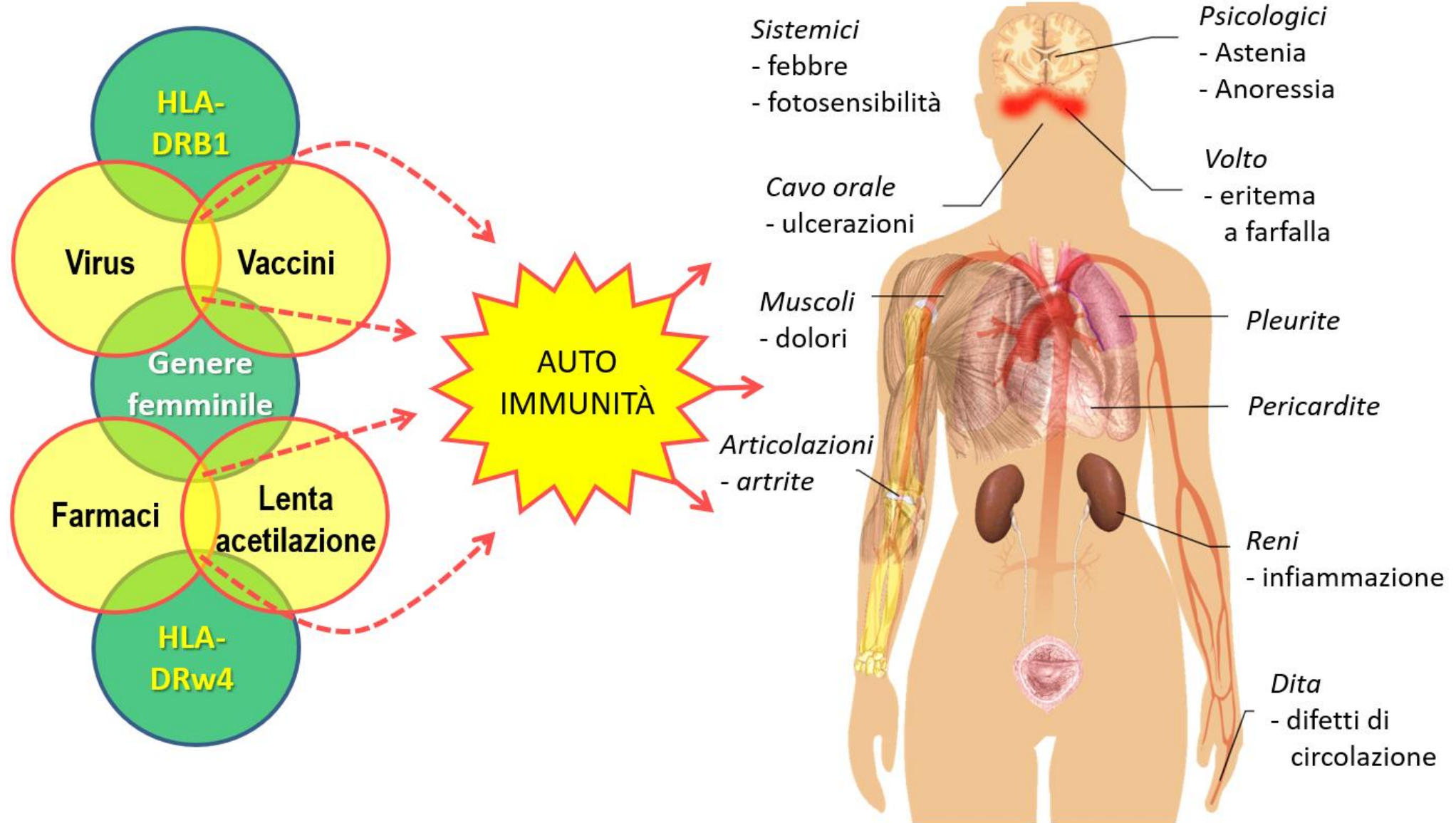
**Malattie infiammatorie acute o croniche (esempi)**

**SE INAPPROPRIATA**

**Malattie autoimmunitarie (esempi)**

- Lupus eritematoso
- Artrite reumatoide
- Sintomi neurologici e dolore cronico
- Piastrinopenia
- Miocardite, PACVS, ecc. (Covid)



# Autoimmunità fenomeno multifattoriale





Article

# Autoantibodies Targeting G-Protein-Coupled Receptors and RAS-Related Molecules in Post-Acute COVID Vaccination Syndrome: A Retrospective Case Series Study

Mauro Mantovani <sup>1</sup>, Paolo Bellavite <sup>2,\*</sup> , Serafino Fazio <sup>3,\*</sup> , Giuseppe Di Fede <sup>1</sup>, Marco Tomasi <sup>1</sup>, Daniele Belli <sup>1</sup> and Elisabetta Zanolin <sup>4</sup>

<sup>1</sup> Istituto di Medicina Biologica, 20129 Milano, Italy; mauromantovabi72@gmail.com (M.M.); giuseppe.difede@imbio.it (G.D.F.); marco.tomasi@imbiolab.com (M.T.); segreteria@imbiolab.com (D.B.)

<sup>2</sup> Independent Researcher, 37121 Verona, Italy

<sup>3</sup> School of Medicine, Federico II University, 80100 Napoli, Italy

<sup>4</sup> Unit of Epidemiology & Statistical Medicine, Department of Diagnostics and Public Health, University of Verona, 37134 Verona, Italy

\* Correspondence: paolo.bellavite@gmail.com (P.B.); fazio0502@gmail.com (S.F.)

Received: 19 November 2024

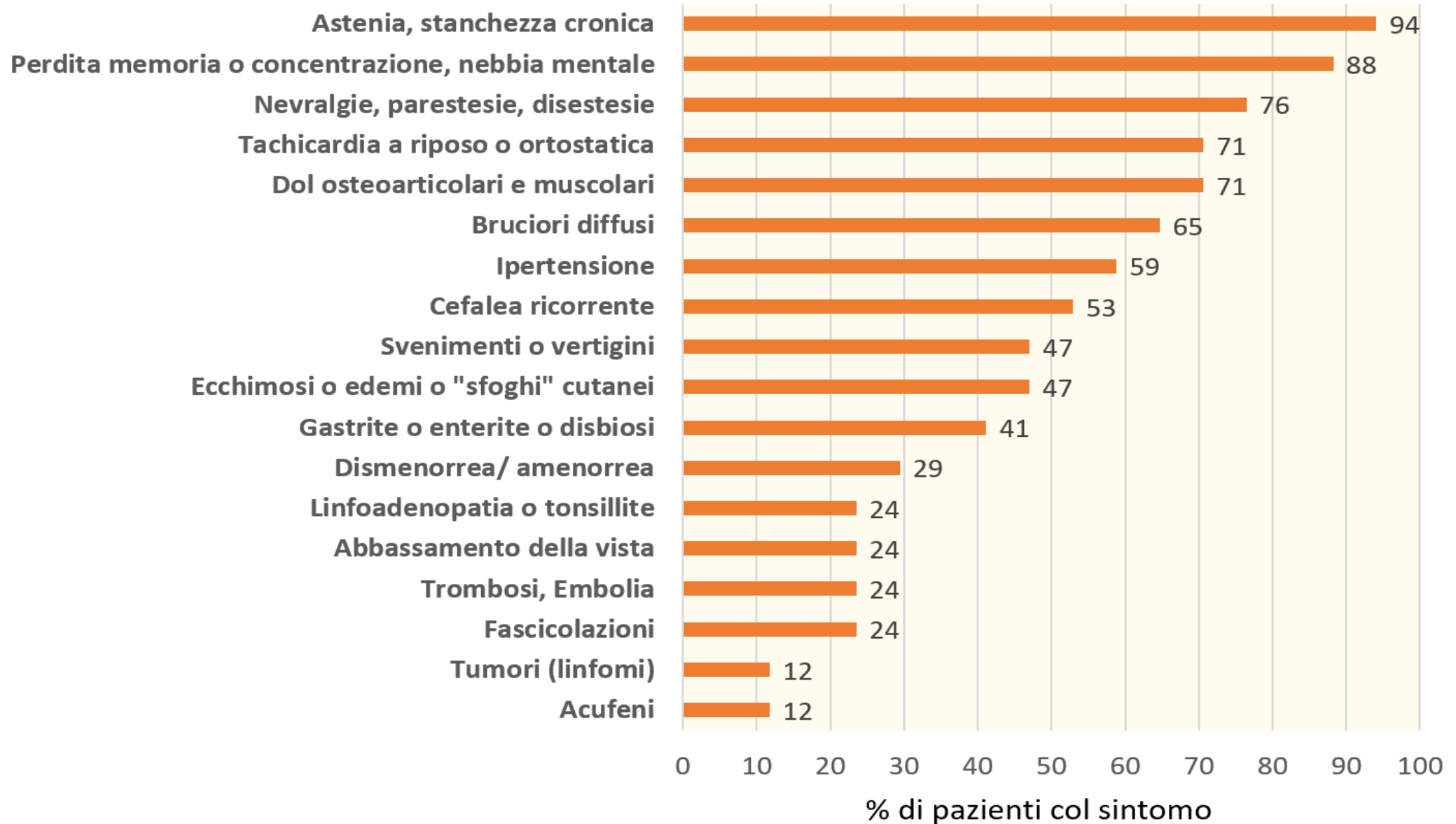
Revised: 6 December 2024

Accepted: 13 December 2024

Published: 15 December 2024

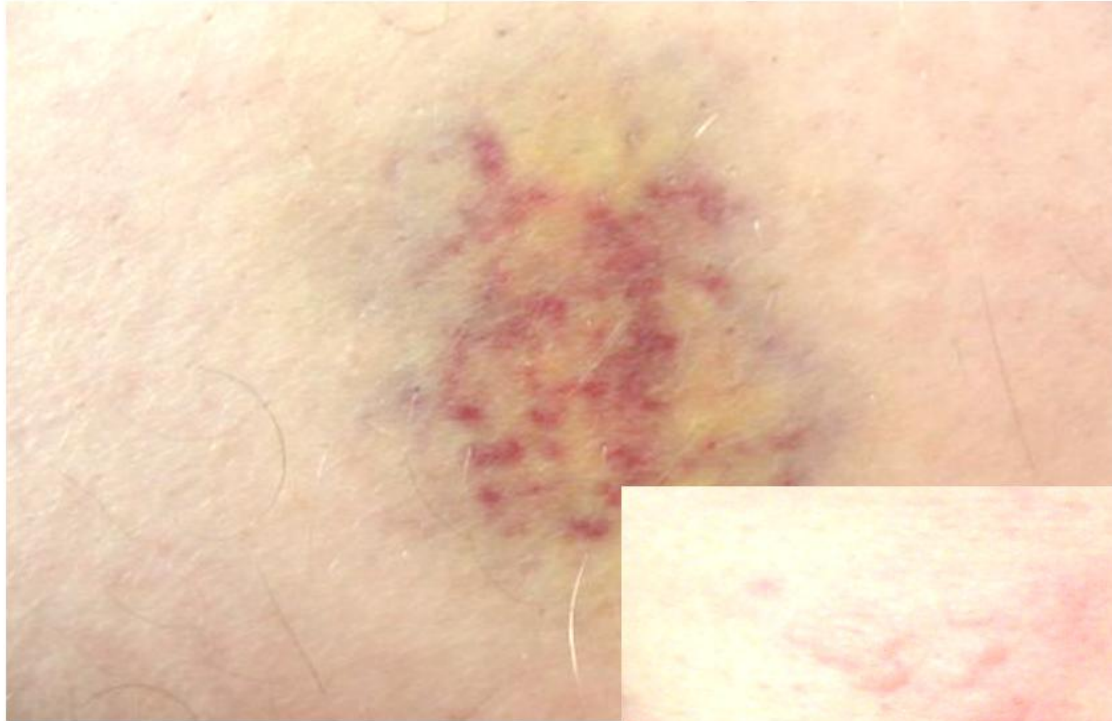
*Biomedicines* **2024**, *12*(12), 2852; <https://doi.org/10.3390/biomedicines12122852>

## SINTOMI DELLA PACVS (post-Acute-Covid Vaccination Syndrome)



Ecchimosi e/o eruzioni cutanee: 8 pazienti

Ecchimosi  
6 pazienti

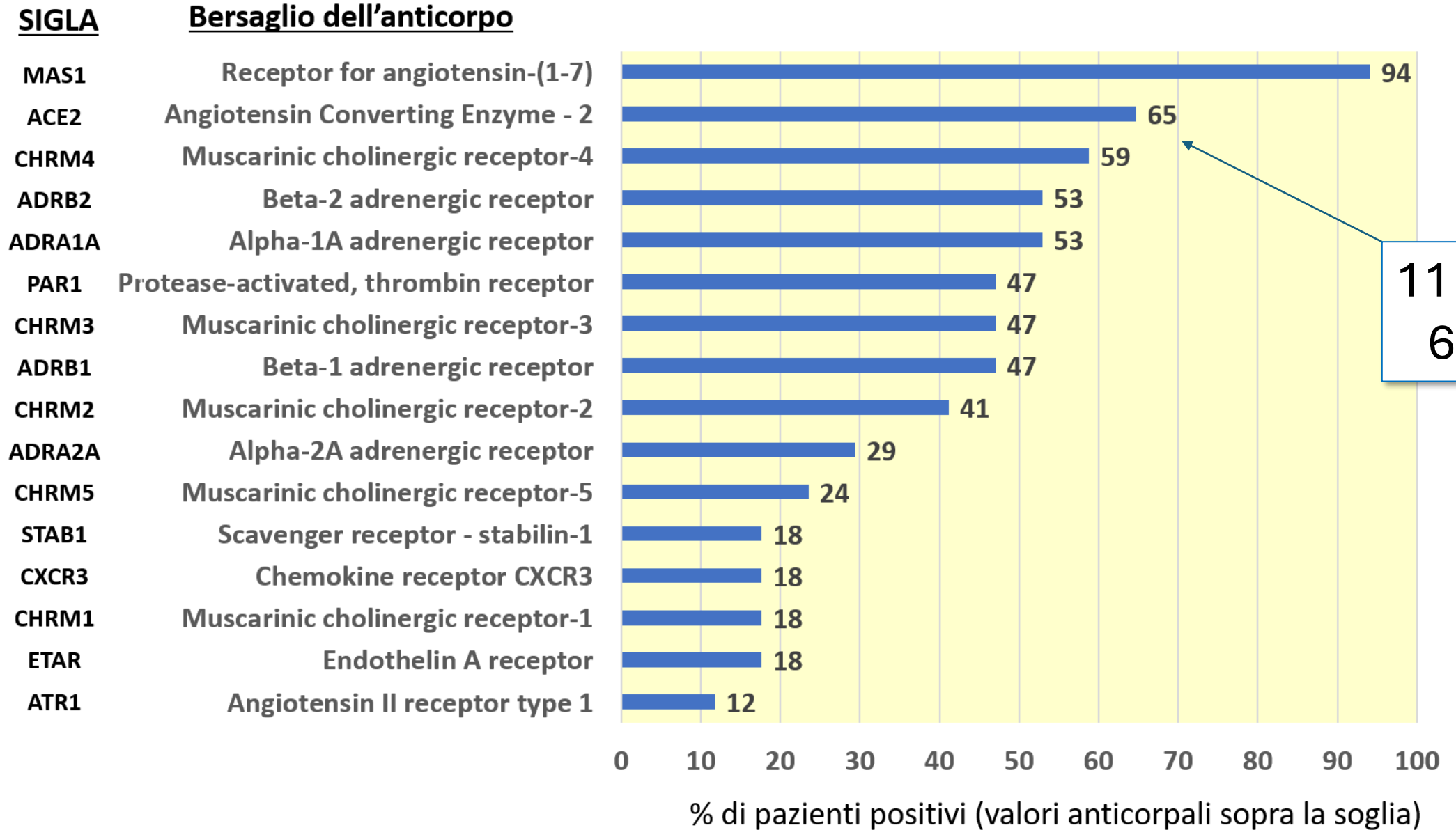


Eruzioni cutanee  
5 pazienti

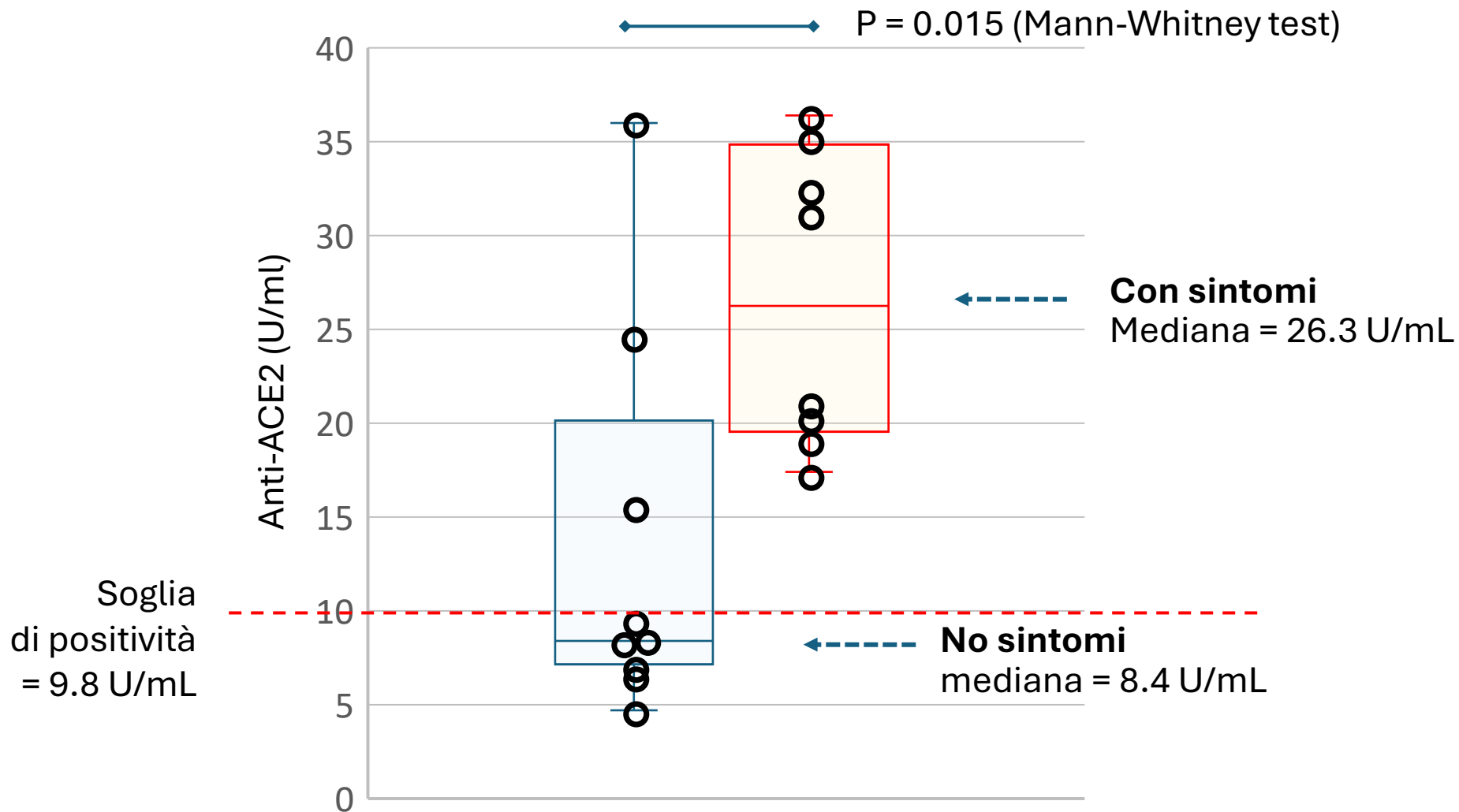


Ecchimosi e eruzioni  
cutanee  
3 pazienti

## AUTOANTICORPI TROVATI IN PAZIENTI CON PACVS



# Livelli di anticorpi anti-ACE2 in pazienti con sintomi come eritemi, edemi e ecchimosi

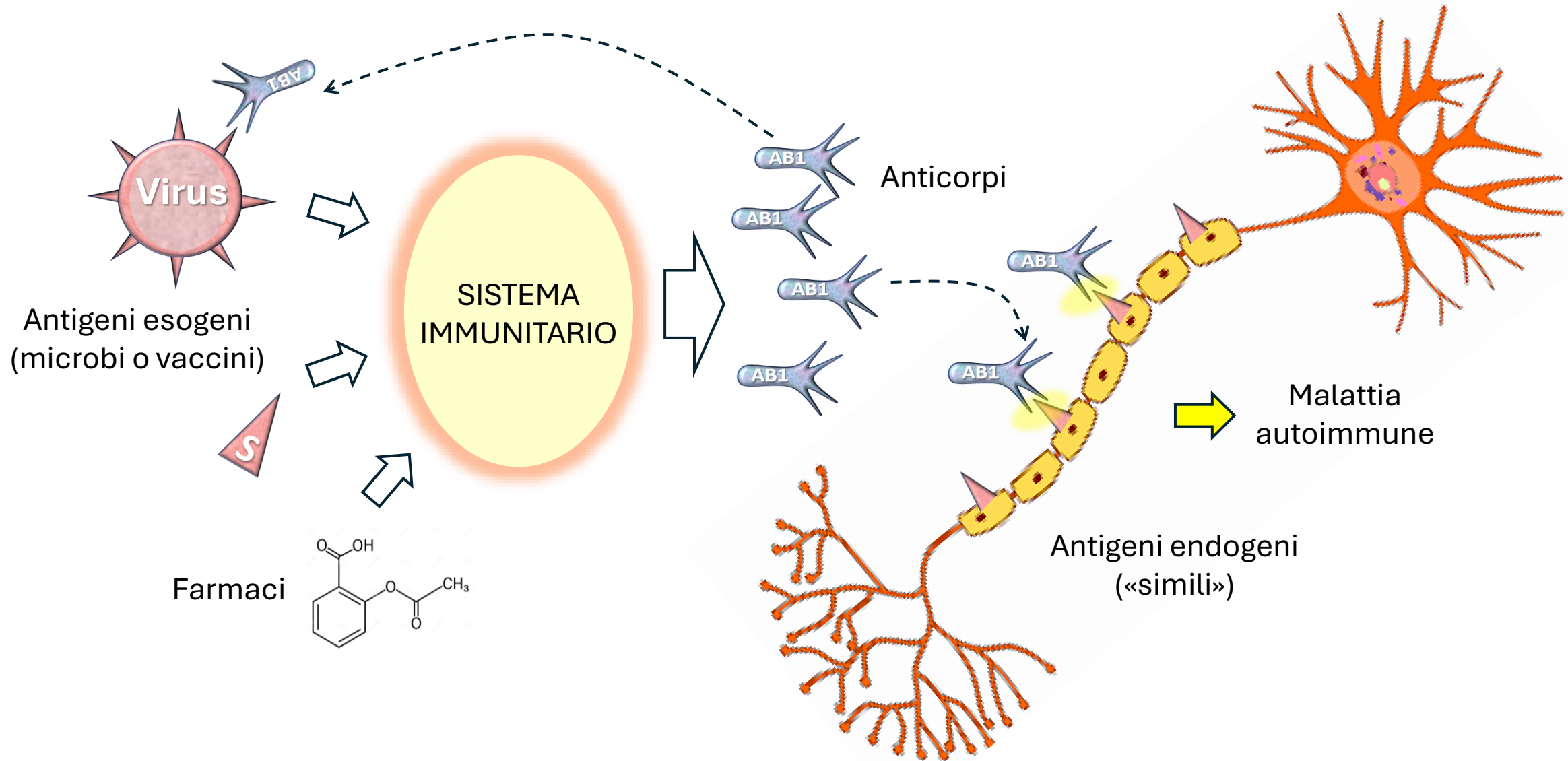


# Meccanismi di autoimmunità

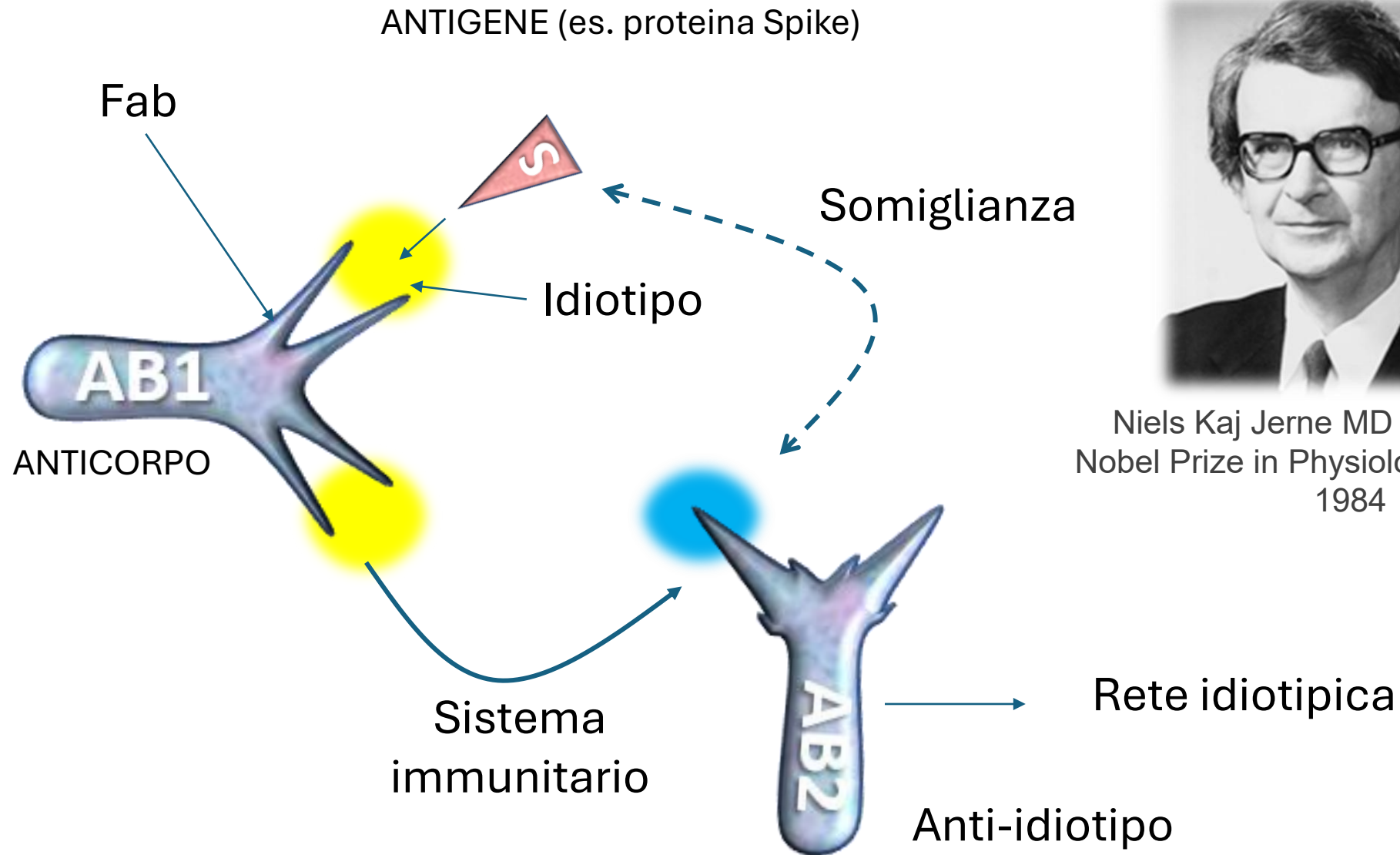
1. Mimetismo molecolare
2. Anti-idiotipo

+ suscettibilità genetica  
+ farmaci

# MIMETISMO MOLECOLARE

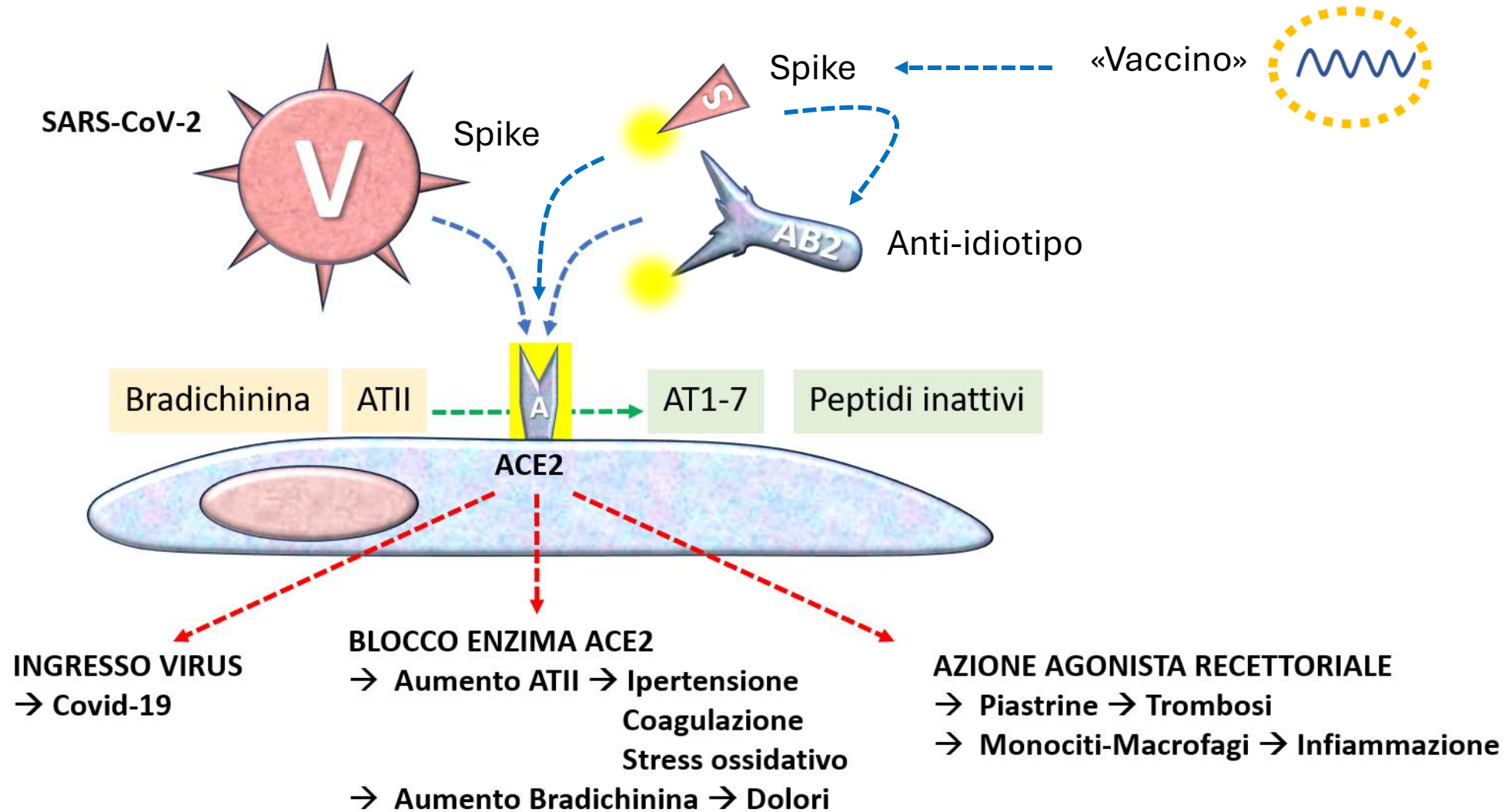


# Formazione di un anti-idiotipo



Niels Kaj Jerne MD (1911-1994)  
Nobel Prize in Physiology or Medicine  
1984

# Funzioni dell'ACE2 nel COVID-19 e nei vaccini





OPEN ACCESS

EDITED BY  
Yunhao Wu,  
Shandong First Medical University, China

REVIEWED BY  
Helene Banoun,  
Independent Researcher, Marseille, France

\*CORRESPONDENCE  
Joseph Varon  
✉ [jvaron@imahealth.org](mailto:jvaron@imahealth.org)

RECEIVED 18 August 2025

# Restoring trust in vaccination: listening to patients and acknowledging Post-Acute COVID Vaccine Syndrome

Matthew Halma<sup>1,2</sup> and Joseph Varon<sup>2\*</sup>

<sup>1</sup>Open Source Medicine OÜ, Tallinn, Estonia, <sup>2</sup>Independent Medical Alliance, Washington, DC, United States

***“La mancanza di diagnosi ha generato esperienze negative per i pazienti e rafforzato l'esitazione vaccinale.***

***Un riconoscimento aperto dei rischi dei vaccini è fondamentale per ripristinare la fiducia nella scienza e nella medicina e garantire che coloro che sono stati colpiti abbiano accesso alle cure di cui hanno bisogno”***