# Article information:

Pityriasis rosea during COVID‐19: Pathogenesis, diagnosis, and treatment - Ciccarese - 2022 - Journal of Medical Virology - Wiley Online Library
<http://dx.doi.org/10.1002/JMV.27672>

# Article summary:

1. SARS-CoV-2 infection may indirectly trigger pityriasis rosea (PR) by reactivating latent viral infections such as human herpesvirus 6 (HHV-6) and HHV-7.

2. Modern biological techniques have provided evidence of a close relationship between PR and systemic active infection of HHV-6 and/or HHV-7, with the detection of their DNA, messenger RNA expression, and specific antigens in PR skin lesions.

3. Electron microscopy has also revealed herpesvirus particles in various stages of morphogenesis in both PR lesions and supernatant of cocultured peripheral blood mononuclear cells from PR patients.

# Article rating:

Appears moderately imbalanced: The article provides some useful information, but is missing several important points or pieces of evidence that would be required to present the discussed topics in a balanced and reliable way. You are encouraged to seek a more balanced perspective on the presented issues by exploring the provided research topics and looking at different information sources.

# Article analysis:

这篇文章对Martora等人关于COVID-19相关非典型鱼鳞病（PR）的文章进行了批判性分析。首先，作者同意SARS-CoV-2感染可能是PR的触发因素，但并不直接引起PR。相反，已经证明SARS-CoV-2感染可能会重新激活多种潜伏病毒感染，如人类单纯疱疹病毒6（HHV-6）和HHV-7，并间接诱发PR的皮肤表现。

然后，作者指出Martora等人声称PR的发病机制仍然未知，但实际上大量使用最现代的生物技术的证据已经强调了PR与HHV-6和/或HHV-7系统活动感染之间的密切关系。事实上，在PR患者的血浆、外周血单个核细胞（PBMCs）和皮损中反复通过聚合酶链反应（PCR）检测到HHV-6和HHV-7 DNA。此外，在PR皮损中通过原位杂交检测到HHV-6信使RNA表达和通过免疫组化检测到HHV-6/-7特异抗原。

根据以上内容，可以看出这篇文章对Martora等人的观点提出了一些批评。然而，文章并没有提供关于作者自己的观点或证据来支持他们的批评。此外，文章还缺乏对其他可能解释PR发病机制的因素的讨论。

总体而言，这篇文章在对Martora等人的观点进行批判性分析时提出了一些合理的问题，但由于缺乏自己的观点和证据支持，以及未探讨其他可能解释PR发病机制的因素，其批评性分析显得不完整。

# Topics for further research:

* SARS-CoV-2 and PR relationship
* Reactivation of latent viral infections
* HHV-6 and HHV-7 in PR patients
* Evidence of HHV-6 and HHV-7 in PR
* Lack of author's viewpoint and evidence
* Other possible explanations for PR mechanism

# Report location:

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