

Review of: "Insights into the development of zymography from inception to current day - a discussion on innovations, challenges and solutions"

Ulrike Resch¹

¹ Medical University of Vienna

Potential competing interests: No potential competing interests to declare.

The review-article submitted to Qeios Nov 23, 2023 by Soham Jorapur entitled "Insights into the development of zymography from inception to current day-a discussion on innovations, challenges and solutions" recapitulates the history of analyzing protease ("zymogen") activities from the 1940s towards its current status. The review captures the early days of zymography based on the fibrinolytic activities in plasma, a concept which was later on refined towards "compound protease/hydrolase activities" estimations towards substrates such as poly-carbohydrates (i.e. starch) or collagen (gelatine, polypeptide chains).

The author addresses some limitations and also mentions recent improvements for laboratory researchers interested- however- the references given (Deshmukh 2018/2020) are actually not in listed in the References, please correct! Referring to "Jorapur 2023" (self-citation) at this stage is an unreasonable demand.

Actually, from section 6 onwards, the quality of this "review" is decreasing. No literature in regard to unbiased, proteomic approaches is found, even though this is mentioned in the abstract- possible to attract people interested in this field. Instead, the author presents his own preliminary work which is now of publishable quality.

In summary, this review-research-works draft should be reworked extensively.