

Paper (Open Access): [The Sequential Addition of Blood and Image to the Shroud of Turin](#) by **Kelly Kears** – *International Journal of Archaeology* – July 22, 2026 – Vol. 14, no.2 – Abstract: “The Shroud of Turin is an important archaeological textile showing the front and back images of a man with blood marks consistent with scourging and crucifixion. The cloth has been proposed to represent either the burial linen of the historical Jesus of Nazareth or the product of a medieval artist. Almost forty-five years ago, it was reported that enzymatic digestion of blood from fibers taken within a Shroud image area revealed no image-type coloration underneath. Such findings led to the suggestion that blood was transferred to the cloth first, protecting such areas from subsequent image formation. Although often evoked as a form of scientific proof for the Shroud’s authenticity, there has been no further experimentation to explore this interesting concept. Given the peculiar feature of colored fibers existing adjacent to non-colored fibers within image areas of the Shroud, the issue has been raised that prior digestion studies may have been confounded by neighboring uncolored fibers underneath the blood. Additionally, it has been proposed that blood may have a ‘bleaching effect on fabric, which could revert colored fibers in a scenario where the blood was added secondarily to a created image. The ordered relationship between blood and image is particularly intriguing given that recent findings using nanosecond pulses of ultraviolet energy to create superficial and Shroud-like coloration on linen were shown to vaporize bloodstains. In the current report, studies were performed to investigate factors that might potentially relate to the sequential order of blood and image addition to the Shroud of Turin. These studies show that addition of blood to acid-treated linen nullifies subsequent coloration, providing an example of no image underneath bloodstains with these conditions. The ‘bleaching effect’ of blood was evaluated and shown to be restricted to only one out of three coloration systems that were examined, leading to the general conclusion that blood added after coloration is unable to reverse it. Finally, these studies document that linen underneath blood (or serum) was affected by energy transfer from radiation, even under conditions corresponding to latent coloration.”

Paper (Open Access): [Genesis \(11: 1-9\): Understanding the Progress of Research on the Shroud of Turin](#) by **Bruno M. Strangio and Giovanni Fazio** – *American Journal of Humanities and Social Sciences*, 2026, 16(1):83-86. Abstract: “In this paper, we investigate the trend of scientific research on the Shroud of Turin. We do so in an unusual way, using as a means of investigation a passage from Genesis (11:1–9). In this chapter of the Old Testament, known as the “Tower of Babel,” proud men are described, the descendants of Noah, who were ready to do anything to achieve their goal. They were building a city and a tower that was supposed to reach the sky in order to become like the Almighty. Similarly, shroud researchers, after several decades of study, pursue a goal they wish to achieve at all costs. Each one aims to reach it before the others. We show that this behavior is not useful for improving knowledge about the Holy Linen; instead, it may generate confusion among researchers, delaying the achievement of the desired result. However, beyond our investigation, this work highlights the importance of interdisciplinary cooperation.”

Paper (Open Access): [DNA signatures preserved in the official 1978 sample collection of the Shroud of Turin](#) by **Barcaccia, G., Rambaldi Migliore, N., Gabelli, G. et al.** . *Sci Rep* 16, 21206 (2026). <https://doi.org/10.1038/s41598-026-60684-7>. Abstract: “This research provides novel insights into the diversity of DNA extracted from samples collected from the Turin Shroud in 1978, revealing its biological complexity through rigorous DNA and metagenomic analyses.

Our findings highlight its preservation conditions and environmental interactions, offering valuable perspectives into the identified genetic variants, which originated from multiple biological sources. We identified several human mitochondrial DNA (mtDNA) lineages, including K1a1b1a, which matches the 1978 official collector's mitogenome, H2a2 (*i.e.*, the lineage of the mtDNA reference sequence rCRS), H1b, which is common in Western Eurasia, and the rare H33, which is also present in the Near East. Additionally, the reconstructed microbiome of the Shroud reveals a rich tapestry of multiple microbes commonly found on the human epidermis, as well as archaeal communities adapted to high salinity and fungi including molds. These findings are consistent with the preservation conditions experienced by the Shroud over the centuries. The presence of abundant Mediterranean endemic red coral, various cultivated plants (*e.g.*, carrot, wheat, corn, bananas, and peanuts) and domesticated animals (*e.g.*, cattle, pigs, chickens, dogs, and cats) provide a fascinating glimpse into the diverse biological sources of the contaminants that have accumulated on the Turin Shroud over time. Finally, radiocarbon dating of two distinct threads collected from the reliquary is consistent with their use in repair interventions of the Shroud carried out in 1534 and 1694 CE.”

Paper [behind paywall]: "Partially labelled regression analysis: dating the Shroud of Turin using the 'raw' data". By **Marco Riani, et al.** *Statistical Methods & Applications* (2026), Published June 11, 2026. <https://doi.org/10.1007/s10260-026-00851-2>

Updated URL for article by Pam Moon: [The Shroud of Turin and Classic Invert on an iPhone](#). Note from Pam: “The Shroud exhibition is currently at St John the Evangelist Bath and the church posted a video we made of Classic Invert: <https://stjohnsrcbath.org.uk/shroud/>”

Paper (Open Access): [Shroud of Turin: The Passing of Time Thikens \[sic\] the Mystery](#) by **Bruno M. Strangio et al.** – *Applied Sciences Research Periodicals*, April 2026, Vol. 4, No. 2, pp. 134-138 – Published online April 24, 2026 – Abstract: “Scientific literature shows that there have been few direct studies on the Shroud of Turin regarding a natural process capable of producing the Image of the Body. We support this hypothesis because: i) according to the chemistry and physics of linen, there was no intervention by a medieval forger, ii) in addition to physics, theology also denies the action of a supernatural event. These results should pave the way for a natural process. Now, even though we have a lot of data, we have not been able to put them together to extract the natural mechanism that explains the formation of the image. The failure makes us think that even our model might be imperfect, as has been the case with other natural models presented previously. Therefore, we should conclude that, at the moment, the natural hypothesis does not seem to work, just as the hypotheses of the forger and the extraordinary event (miracle) did not work. However, this state of affairs cannot last over time. Today we are in the incredible, so an explanation will be found.”