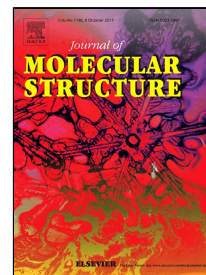


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Observation of Triple Helix Motif on Electrospun Collagen Nanofibers and its Effect on the Physical and Structural Properties



Jochen Bürck, Onur Aras, Luca Bertinetti, Caner A. Ilhan, Mahmut A. Ermeydan, Reinhard Schneider, Anne S. Ulrich, Murat Kazanci

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Highlights:

1. We were able to illustrate the local evidence of partially preserved triple helix structure in HAC derived collagen nanofibers by using SEM and TEM methods.
2. The collagen nanofiber structure is still mainly denatured and the partial preservation of the native structure does not affect that much the overall fiber properties.
3. CD revealed that the crosslinking methods or stabilization conditions are mostly detrimental to the native structure of collagen.

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