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## Development of Advanced Materials and Technologies for Leather and By-Products Processing

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### Message from the Guest Editors

Leather processing needs knowledge of physics, chemistry, and biology and, even now, we are still far from a deep understanding of the physical–chemical behavior of this complex matrix of fibrous collagen and interactions of these materials. Modern investigation techniques, such as X-ray, neutron scattering, and proteomics, were used to define a pattern of collagen interaction with tanning materials in its transit from an easily biodegradable material to a stable and durable product.

Scientific contributions to progress in leather processing are welcome in the abovementioned and other areas of research as well as for reclaiming leather industry byproducts:

- Fundamental knowledge of hide and skin collagen;
- Ecological processing of hides and skins;
- Advanced materials and bioproducts for leather processing;
- Reclaiming of leather industry byproducts in a circular economy;
- Analytical tools for leather knowledge advances;
- Biotechnologies and biomaterials related to leather processing.



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## Message from the Editor-in-Chief

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