

Special Issue

Innovation in Molecular Breeding and Seed Development of Fiber Crops

Message from the Guest Editor

Cotton is a highly valuable crop grown for fiber, protein, and seed oil. It originated from the hybridization of two diploid cotton species (with A and D genomes) 1–2 million years ago. It was domesticated ~5000 years ago in Mexico and then further developed in the United States, resulting in modern cotton varieties with long, white fibers suitable for textiles; wild cotton species have sparse, coarse brown fibers. The process of fiber cell development is multifaceted, encompassing several stages, namely initiation, elongation, secondary cell wall thickening, and maturation. Among these stages, fiber elongation is of particular interest to researchers and growers, as it directly affects fiber quality and value. This Special Issue focuses on innovations in the molecular breeding and seed development of cotton and other fiber crops. We welcome high-quality, interdisciplinary studies from disparate research fields including innovation, molecular breeding, fiber and seed development, etc. Original research articles and reviews are accepted.

Guest Editor

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

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