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Review article

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Cellular agriculture for milk bioactive production

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Supplementary Information

Cellular agriculture for milk bioactive production

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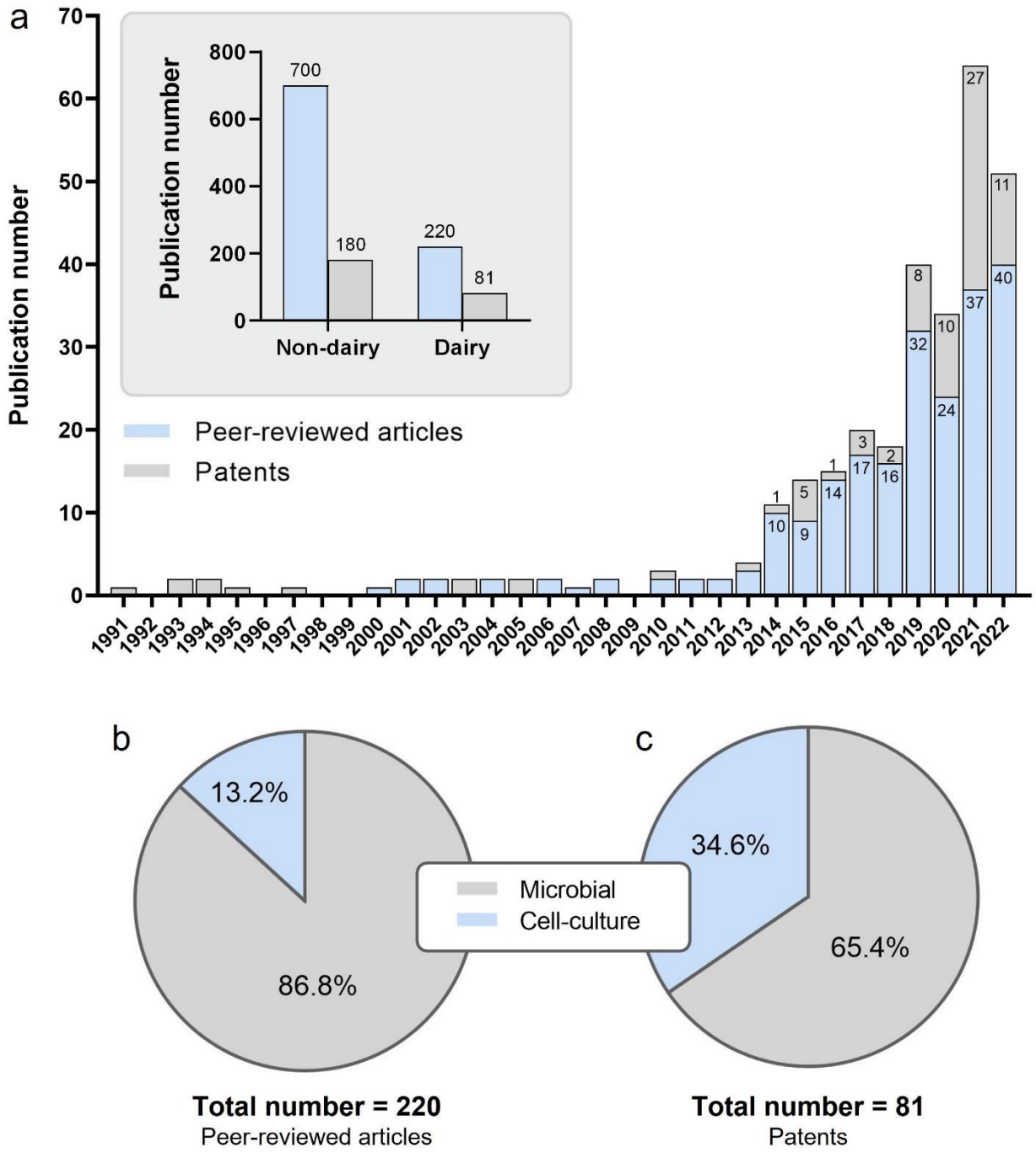

Supplementary Figure 1. (**a**) Journal articles and patents published in the last 30 years in the cellular agriculture field. The snapshot window illustrates the analysis of non-dairy and dairy-based scientific outputs. Pie-charts show the number of peer-reviewed articles (**b**) and patents (**c**) on the production of milk bioactive using microbial- and cell culture-based agriculture platforms. The peer-reviewed articles and patents were sourced from Scopus and Orbit patent databases respectively, by applying combinations of keywords related to cellular agriculture for meat, milk, dairy products, and seafood, and also keywords related to the different milk bioactives.

For the patent search, additional keywords related to the mammary gland, breast, and mammary epithelial cells were used, excluding breast cancer stem cell or cancer diagnosis. The precise lists of keywords and databases can be provided on demand by the corresponding authors. The searches were not restricted by timeframe and were last updated in 2022.