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Microcarriers provide a high surface-to-volume ratio that is advantageous for efficient expansion of anchorage-dependent mammalian cells. The authors developed collagen-coated poly(vinyl alcohol) (PVA) microcarriers for the expansion cultivation. The photograph shows cells (blue) expanded on collagen (green)-coated PVA microcarriers.

For more information regarding this work, read the article: Masahiro Kaneko, Airi Sato, Satoru Ayano, Akio Fujita, Goro Kobayashi, Akira Ito, **“Expansion of human mesenchymal stem cells on poly(vinyl alcohol) microcarriers”**, *J. Biosci. Bioeng.*, volume 136, issue 5, pages 407–414 (2023) (Copyright©2024 The Society for Biotechnology, Japan).

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