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Podocyte, a terminal differentiated cell, outgrew from glomeruli and proliferated in the culture dish at day 6 after removal of glomeruli. Podocyte was double stained with fluorescence-labeled anti-Ki-67 (green) and rhodamine-conjugated phalloidin (red), respectively. The former showed that podocyte was in an active proliferation phase of cell cycle in the nuclei, and the latter showed the specific foot processing cytoskeleton formed in the differentiated cell.

This image by Prof. Pi Chao Wang at the University of Tsukuba was selected as the winner in the JBB Cover Contest. The JBB editorial board and journal staff would like to thank all participants of the contest for their contributions.

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