The Madagascar ground gecko (*Paroedura picta*) has become a laboratory model for lizard species studies in developmental biology, evolutionary ecology and physiology. On page 1149, Czarnoleski et al. provide evidence suggesting that changes in cell size are involved in the origin of thermal and sexual differences in adult size for this species of lizard. Intriguingly, some cell types grouped according to their coordinated changes in cell size. Image provided by Petr Jan Juračka and licensed under a Creative Commons Attribution 4.0 International licence.

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