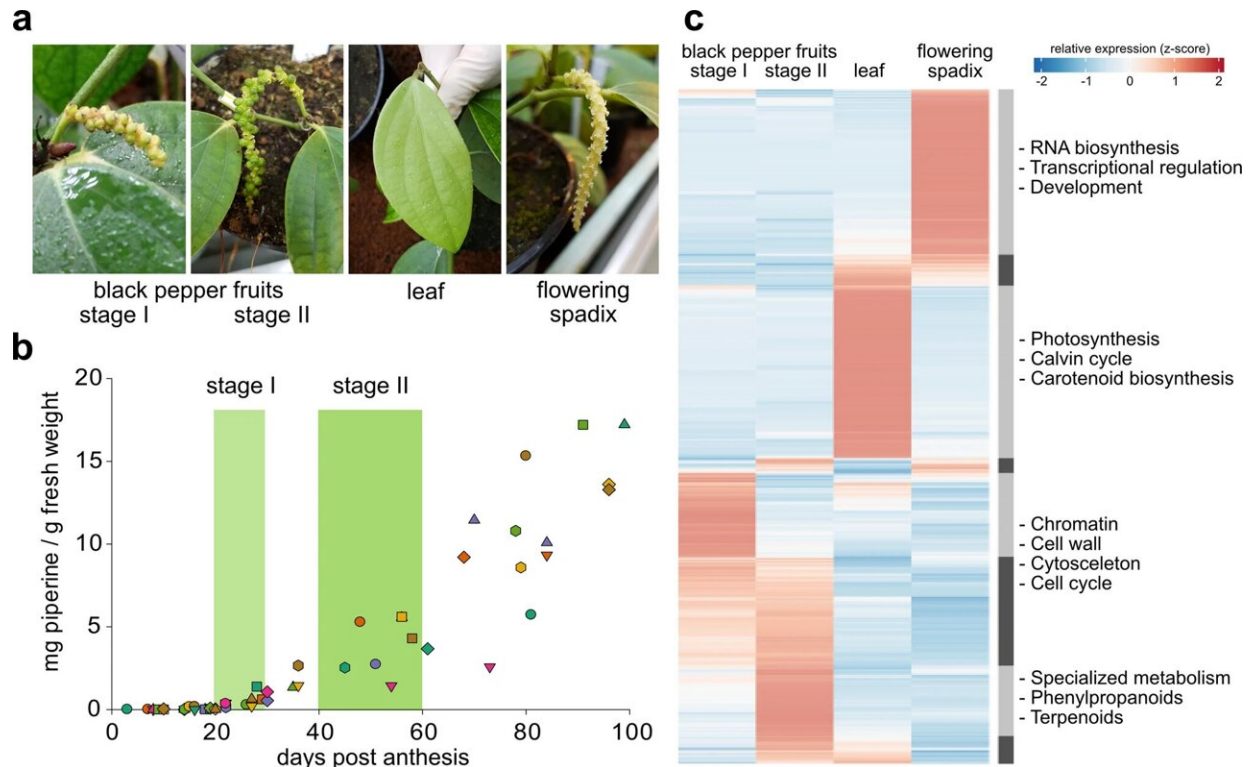


Researching how pepper grows

February 6 2023, by Sylvia Pieplow



Screening for piperine biosynthesis-related genes. **a** Illustration of different black pepper organs selected for the RNA-Seq data approach. **b** Piperine accumulation over 100 days of fruit development. Stages I (20–30 days) and II (40–60 days) are marked in (light) green boxes. Each dot marks the piperine content of a single fruit picked from different spadices at a certain time. **c** Heatmap of the top differentially expressed genes and functional annotation. Three thousand most significant differentially expressed genes of each statistical comparison (false discovery rate (FDR) 1) were used as an input for HOPACH hybrid clustering. Gene set analysis was performed on “first level” clusters and over-represented categories (FDR

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