

Eva Mittermair: Project granted by the Hochschuljubiläumsstiftung

„Xanthones from *Metaxya rostrata* as promising new lead compounds for cancer therapy“

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The granted project by the Hochschuljubiläumsstiftung der Stadt Wien analyses the cytotoxic activity and underlying cellular mechanisms of structurally related xanthones from *Metaxya rostrata*, a tree fern widespread in Central and South America that is used in ethnic medicine against intestinal ulcers or tumors. The isolated xanthones are biologically highly active substances blocking cell cycle progression and inducing active cell death in colorectal cancer cells. Previous results provide a strong argument for further investigations.