



I work in the field of protein biochemistry in the group of Christian Obinger at the University of Natural Resources and Life Sciences (BOKU) in Vienna. I am currently at the end of my PhD studies within the international PhD Program “Biomolecular Technology of Proteins” where I investigated the structure-function relationship of heme proteins and in particular heme *b* peroxidases. Within these studies I focused on enzymes with different redox states and tried to understand the dynamics and structural effects of x-ray induced photo reduction on the crystal structure with a focus on the active site configuration.