Non-food crops are also known as industrial crops and are mostly used in manufacturing to produce textile, biofuel, building constructions, biopolymers, cosmetics and pharmaceuticals ingredients. Even though they are mainly used for industrial purposes, they are rich in secondary metabolites that possess antioxidant properties. Secondary metabolites are low-molecular-weight substances produced by plants that make them competitive in their own environment among other species. These small molecules exert a wide range of effects on the plant itself and on other living organisms, including humans and animals.

In this Special Issue, we will focus on the secondary metabolites of non-food plants and their antioxidant properties. Various types of manuscript reviews and research articles are welcome for submission on non-food crops' secondary metabolites, their application and their effect in different research fields.