

Download Phytochemical Resources For Medicine And Agriculture

Sulforaphane, a phytochemical in broccoli sprouts, is known to exert effects of cancer prevention by detoxicating chemical compounds taken into the body and by enhancing anti-oxidation ability. In ...Medicinal plants, also called medicinal herbs, have been discovered and used in traditional medicine practices since prehistoric times. Plants synthesise hundreds of chemical compounds for functions including defence against insects, fungi, diseases, and herbivorous mammals. Numerous phytochemicals with potential or established biological activity have been identified.- Drug discovery and development for communicable (malaria, microbial infections, lower respiratory and diarrhoeal infections) and non-communicable diseases (cancer, diabetes, hypertension, heart disease) from natural products (plants, soil and marine organisms). Withania somnifera, known commonly as ashwagandha, Indian ginseng, poison gooseberry, or winter cherry is a plant in the Solanaceae or nightshade family. Several other species in the genus Withania are morphologically similar. Although commonly used as a medicinal herb in Ayurvedic medicine, there is no conclusive clinical evidence that it is effective for treating any ailment.