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**Title of presentation:** Forest, Nutrition and Breast Cancer Chemopreventive strategies

**Abstract:** Extensive research over the past several decades has identified numerous dietary and phytochemical compounds from the forests that have breast chemopreventive potentials and could represent an important source of anti-cancer lead molecules. In this regard, several natural supplements have attracted considerable attention as modifiable risk factor in the prevention of breast cancer, the most frequently diagnosed cancer and a major cause of death among women worldwide. On the other hand definitive conclusions cannot be drawn in this field, because we are highly exposed to environmental pollutants, forest disturbances as well as soil, water and air contaminations. We use alternative and green pharmacy for patients to adopt complementary antitumor therapies aiming to improve efficacy or reduce toxicity of chemotherapy, with uncertain benefits and the risk of additional toxicities or antagonistic interactions with standard therapies. In this talk, Sepideh Arbabi Bidgoli will review the environmental risk factors, the different levels of available evidence to suggest or discourage specific dietary changes or supplement use in the context of breast cancer prevention, reduction of tumor recurrences and survival prolongation in advanced cancers as well as the forest pollutants and their global risks.