

Ragai Ibrahim
Recipient of the 2004 CSPP Gold Medal Award



Professor Ibrahim has extensively investigated phenolic phytochemicals and especially flavonoids. He and his students and collaborators have sequentially studied structure, metabolism and most recently, molecular genetics relative to these distinctive secondary metabolites. His research papers are conceptually insightful and technically rigorous and have consequently provided substantial contributions in the field. An impressive aspect has been his ability to adopt and develop emerging methodologies and approaches to advance his persistent studies relative to this group of complex substances.

These outstanding efforts in phytochemistry have been sustained for a half-century of continuously funded NSERC research, and he remains a vigorous researcher and supervisor even as he approaches 75 years of age!

Professor Ibrahim has subsequently produced more than 150 scientific papers that are consistently published in leading journals and important monographs. He is a regular contributor to *Phytochemistry* and has published repeatedly in other leading plant journals such as *Plant Physiology* and *Plant Molecular Biology* as well as in biochemistry and chemistry journals such as *Arch. Biochem. Biophys.* and *J. Biol. Chemistry*. In addition, he has published in the high impact journals *Nature* and *PNAS*.

Accompanying this meritorious research sequence, Professor Ibrahim has trained a sequence of students and research fellows who have in turn proceeded on to their own successful research careers in phytochemistry and plant metabolism. His research lab has provided an international centre with students and colleagues from a range of nations and backgrounds that provide international links to Canada in both academic and industrial labs.

Complementing the research achievement and student mentorship, Professor Ibrahim has also been active within the CSPP and the broader, international plant research community. He has participated in the organization of numerous regional, national and international meetings and has delivered numerous lecture and symposium presentations.