Review article

The benefits of ascorbate to protect healthy cells in the prevention and treatment of oncological diseases
(Pavel Klener, Matthew Scott Alexander, Joseph John Cullen, Věra Stejskal, Jiří Slíva,
Lucie Kotlářová, Pavel Kostiuk, Zdeněk Procházka, Marta Kučerová) ................................................................. 1

Original research articles

Molecular design, synthesis and biological characterization of novel Resveratrol derivative as potential
anticancer agent targeting NF-κB
(Zuhier Awan, Hussam Ibrahim Kutbi, Aftab Ahmad, Rabbani Syed, Faten A. S. Alsulaimany,
Noor Ahmad Shaik) ......................................................................................................................................................... 8

Toxicity assessment of Hypericum olympicum subsp. olympicum L. on human lymphocytes and breast
cancer cell lines
(Necmiye Balikci, Mehmet Sarimahmut, Ferda Ari, Nazlihan Aztopal, Mustafa Zafer Özel,
Engin Ulukaya, Serap Celikler) ................................................................................................................................... 18

A decision support system for the prediction of mortality in patients with acute kidney injury admitted
in intensive care unit
(Selda Kayaalti, Ömer Kayaalti, Bekir Hakan Aksibzeci) ........................................................................................ 26