We are pleased to announce the "*International Journal of Molecular Science Best Paper Award*" for 2018. Nominations, chosen from all papers published in 2017, were made by the Editorial Board. The awards are issued to reviews and research articles separately. Following a review process by the Editorial Board, three top-voted research articles and the three top-voted reviews as follows, in no particular order, have won "*IJMS Best Paper Award*" for 2018:

2018 *IJMS* BEST PAPER AWARD
WINNERS

Magnetic Beads-Based Sensor with Tailored Sensitivity for Rapid and Single-Step Amperometric Determination of miRNAs (doi:10.3390/ijms18112151)

Inhibition of Autophagy Promotes Salinomycin-Induced Apoptosis via Reactive Oxygen Species-Mediated PI3K/AKT/mTOR and ERK/p38 MAPK-Dependent Signaling in Human Prostate Cancer Cells (doi:10.3390/ijms18051088)

Development of An Impedimetric Aptasensor for the Detection of *Staphylococcus aureus* (doi:10.3390/ijms18112484)

Exosomes: From Garbage Bins to Promising Therapeutic Targets (doi:10.3390/ijms18030538)

Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles and Their Potential as Novel Immunomodulatory Therapeutic Agents (doi:10.3390/ijms18071450)

Melatonin, a Full Service Anti-Cancer Agent: Inhibition of Initiation, Progression and Metastasis (doi:10.3390/ijms18040843)

In recognition of their accomplishment, they will receive the privilege of publishing an additional research article or review paper free of charge in open access format in *IJMS* after the usual peer-review procedure.