Naramoneva and student win Interim Wound Healing Society Award

Associate professor Daria Naramoneva and her doctoral student, Toloo Taghian, have recently won the Interim Wound Healing Society award for best translational research. This award recognizes studies regarding the application of methods for cell regeneration and wound healing therapies. Their team set out to find a way to properly manipulate outside electric signals in order to speed up the healing process. This breakthrough will assist in quickly repairing blood vessels and ulcers which tend to require a longer healing process. Naramoneva’s research has discovered through a digital model of a cell body how electrical signals stimulate damaged cells in order to hasten its recuperation. This research was published this year in The Journal of Royal Society’s May issue. The article, “Modulation of cell function by electric field: a high-resolution analysis”, covers their studies on electromagnetic fields and “vascular tissue healing therapies”. As for the research team, they have allied with Third Century Initiative (UC’s academic public relations plan) in order to continue their research.