**The USERN Congress 2017**

**USERN Prize Awarding Festival**

**November 8th-10th, 2017**

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| **Day 1: Wednesday, November 08, 2017** |
| **7:30 – 9:00** | **Registration****Premier Palace Hotel Kharkiv** |
| **9:00 – 10:00** | **Opening Session** |
| 10:00 – 10:30 | *Evolution and changes in ecosystems*Daniel Pauly, Canada |
| 10:30 – 11:00 | *The global food value chain – Systemic strategies for food authentication*Markus Fischer; Germany |
| 11:00 – 11:30 | *Evolution of genes that make us human*Evan Eichler, USA |
| 11:30 – 12:00 | *Evolution in diagnosis of immunological disorders*Nima Rezaei, Iran |
| 12:00 – 12:30 | *Almagest to day*Massimo Capaccioli, Italy |
| **12:30 – 14:00** | **Lunch**  |
| 14:00 – 14:30 | *A new generation of sustainable carbon electrocatalysts for renewable energy technologies*Maria Magdalena Titirici, UK |
| 14:30 – 15:00 | *Brain network dynamics and flexible cognition and behavior*Lucina Qazi Uddin, USA |
| 15:00-15:30 | *The undeniable impact of complex system science on human lives*Matjaž Perc, Slovenia |
| 16:00-16:30 | *Nano-material preparation and their application in the modern world* Valentina Cauda, Italy |
| **17:00 – 18:30** | **International Festival of Paintings for Pediatric Patients** |
| **18:30 – 21:00** | **Gala Dinner** |
| **Day 2: Thursday, November 09, 2017 (parallel in 4 Universities)** |
|  | **1- Karazin Kharkiv National University** |
| 10:00 – 10:30 | *Are we alone?*Massimo Capaccioli, Italy |
| 10:30 – 11:00 | *Artificial intelligence for life: Fuzzy theoretic machine intelligence*Mohit Kumar, Germany |
| **11:00 – 13:00** | **USERN Junior Talks + Poster Session**  |
| **11:00 – 11:15** | *420 million star position and absolute proper motion*Volodymyr Akhmetov |
| **11:15 – 11:30** | *Asteroids groups and families: understanding their origin through analysis of their optical properties*Ivan Slyusarev |
| **11:30 – 11:45** | *Physical Basis of the Nuclear Burning Wave Reactor*Maxym Malovytsia |
| **11:45 – 12:00** | Evolution of Cancer ImmunotherapyMahsa Keshavarz-Fathi |
| **12:00 – 12:15** | Human or machine? Which one diagnosis?Naeimeh Khoshnood |
| **12:15 – 13:00** | **USERN Panel; Questions and Answers** |
| **13:00 – 14:00** | **Lunch** |
| **14:00 – 20:00** | **Social Program** |
|  | **2- Kharkiv Polytechnic University** |
| 10:00 – 10:30 | *The human conquest of the earth and the oceans*Daniel Pauly, Canada |
| 10:30 – 11:00 | *Hydrothermal carbonisation: An aqueous approach to making carbon from biomass*Maria Magdalena Titirici, UK |
| **11:00 – 12:15** | **USERN Junior Talks + Poster Session:** |
| **11:00 – 11:15** | *Probabilistic modelling for reliability prediction of engineering designs*Larin Oleskiy |
| **11:15– 11:30** | *The R-functions theory. Application to the problems of plate and shallow shell theory*Shmatko Tetyana |
| **11:30 – 11:45** | *Hybrid Solar Generating Module*Kirichenko Mykhailo |
| **11:45 – 12:00** | ***Modern nano-bio technologies for production of biodiesel*****Saboura Ashkevarian** |
| **12:00 – 12:15** | ***Developments of nanoparticles in magnetic resonance imaging*****Mohammad Tavakkoli** |
| **12:15 – 13:00** | **USERN Panel; Questions and Answers** |
| **13:00 – 14:00** | **Lunch** |
| **14:00 – 20:00** | **Social Program** |
|  | **3- National University of Pharmacy** |
| 10:00 – 10:30 | *The evolution of vitamin B2 biosynthesis*Markus Fischer; Germany |
| 10:30 – 11:00 | *The most recent evolution in theranostic utilization of nano-materials against cancer*Valentina Cauda, Italy |
| **11:00 – 12:50** | **USERN Junior Talks + Poster Session:** |
| **11:00 – 11:20** | *Molecular mechanisms of appetite regulatio*Andriy Zagayko |
| **11:20 – 11:40** | *Population, Behavior and Molecular Genetics Study in Ukrainian Megapolocies*Olga Filiptsova |
| **11:40 – 11:50** | *Search for new anticonvulsant medicines of herbal origin*Tsyvunin Vadim |
| **11:50 – 12:00** | *Studies of analeptic internals of the sulfur and nitrogen containing derivates*Kabachna Iryna |
| **12:00 – 12:10** | *State and perspectives for the aromatize inhibitors use in the metabolic syndrome therapy* Fotesko Kirill |
| **12:10 – 12:20** | *Changes in extracellular lipid metabolism parameters under experimental metabolic syndrome*Dorovskyi Dmytro |
| **12:20 – 12:30** | Preclinical studies: victims of the evidence-based medicine?Roodabeh Bahramsoltani |
| **12:30 – 12:40** | A moral dilemma in preclinical studies: Is there a third way?Elnaz Rezaei Amiri |
| **12:40 – 12:50** | Study of effectiveness of the gauze impregnated with fibrinogen compared to the simple gauze packing in four-degree liver laceration bleeding due to penetratingtrauma in ratsGolnoush Sadat Mahmoudi Nezhad |
| **12:50 – 13:30** | **USERN Panel; Questions and Answers** |
| **13:30 – 14:30** | **Lunch**  |
| **14:30 – 20:00** | **Social Program** |
|  | **4- Kharkiv National Medical University (Location 1)** |
| **9:00 – 9:30** | **Opening Session**  |
| 9:30 – 10:00 | *Evolving concepts regarding the genetic basis of neurodevelopmental delay*Evan Eichler, USA |
| 10:00 – 10:30 | *Towards brain-based biomarkers of autism*Lucina Qazi Uddin, USA |
| 10:30 – 11:00 | *Functional significance of mtDNA mutations of compex I in cancer*Giovanni Romeo, Italy |
| **11:00** **– 11:30** | **Coffee break** |
| **11:30 – 12:15** | **USERN Junior Talks + Poster Session:** |
| **11:30 – 11:45** | *Immunotherapy as the evolution of tuberculosis treatment*Dmytro Butov |
| **11:45 – 12:00** | *Evolution of dental sciences in oral pathology treatment and diagnosis*Liudmyla Kryvenko |
| **12:00 – 12:15** | Internet addiction of adolescents in TehranGilda Rajabi Damavandi |
| **12:15 – 13:00** | **USERN Panel; Questions and Answers** |
| **13:00 – 14:00** | **Lunch** |
| **14:00 – 20:00** | **Social Program** |
|  | **Kharkiv National Medical University (Location 2)** |
| **9:00 – 9:30** | **Opening Session** |
| 9:30 – 10:00 | *Nanomedicines that will revolutionize the healthcare* (Virtual Talk)Helder Almeida Santos, Finland |
| 10:00 – 10:30 |  *The game theory evolution: What would be next to make it truly useful for us?*Matjaž Perc, Slovenia |
| 10:30 – 10:45 | *Pain Medicine as a Lighthouse in Innovative Medicine-The Evolution from merely symptom-control to a comprehensive integrative approach*Michael Schenk, Germany |
| 10:45 – 11:00 | *Evolution in hospital: from surgery to soulgery.* *How literature can help patients and hospital workers*Livia Santini, Italy |
| **11:00 – 12:00** | **Coffee break** |
| **12:00 – 12:30** | **USERN Junior Talks+ Poster Session:** |
| **12:00 – 12:15** | *Pathology of the urinary system in children in Ukraine:* *past, present and future*Mykhailo Myroshnychenko |
| **12:15 – 12:30** | Usability of smartphone for adult users: a systematic reviewZahra Vahedi |
| **12:30 – 13:00** | **USERN Panel; Questions and Answers** |
| **13:00 – 14:00** | **Lunch** |
| 14:00 – 15:30 | *How to publish academic books with international publishers?*Nima Rezaei, Iran |
| **14:00 – 20:00** | **Social Program** |
| **Day 3: Friday, November 10, 2017** |
| **Karazin Kharkiv National University (North Building)** |
| 8:30 – 9:30 | **USERN Breakfast Meeting** |
| 9:30 – 9:40 | **Karazin Kharkiv National University Speech** | **ART PERFOMANCE** |
| 9:40 – 9:50 | **Kharkiv National Medical University Rector Speech** |
| 9:50 – 10:00 | **Kharkiv Polytechnic University Rector Speech** |
| 10:00 – 10:10 | **National University of Pharmacy Rector Speech** |
| 10:10 – 10:40 | **USERN President Speech** |
| 10:40 – 11:30 | **USERN Prize Awarding Ceremony** |
| 11:30 – 11:45 | **Introduction of the Host of USERN 2018** |
| 11:45 – 12:45 | **Official Lunch** |
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To submit an abstract to have the chance of presenting a lecture/poster during USERN Junior Talks Sessions, please submit your abstracts via the following link: [**https://goo.gl/forms/l8Pb3iARFhgl00yc2**](https://goo.gl/forms/l8Pb3iARFhgl00yc2)

For more information regarding the congress, please visit the congress website: <https://congress.usern.org/>