**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 Immunotherapy  Mahsa 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 rats  Golnoush 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 Tehran  Gilda 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 review  Zahra 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/>