











































Initiative on #4openScienceStandsForUkraine scientists and students

Björn LDM Brücher^{1,2,3} , Björn Brems⁴ , Detlef Bartsch⁵ , Ronald Przygodzki⁶ , Romain-Daniel Gosselin⁷ , Marijan Slak Rupnik^{1,2,8} , Valentin Calu⁹ , Christof Birkenmaier¹⁰ , Oliver Hayden¹¹ , Annette Schmidt¹² , Nelson Elias¹³ , Hubert J Stein¹⁴ , Cesar Restrepo¹⁵ , Rainer U Pliquet¹⁶ , Björn Petersen^{1,2,17} , Arkadiusz Spychalla¹⁸, David H Nguyen^{19,20}, Lúcio Lara Santos²¹ , Amir Szold²² , Mesut Tez²³, Franco Roviello²⁴, Paolo Macri²⁵, Vanya Lorocho²⁶, Michael A Scherer^{1,2,27} , Boris Pasche²⁸ , Karol Polom²⁹ , Stefan Wesarg³⁰, Edouard Matevossian³¹, Bruno Zilberstein³², Igor A Kryvoruchko³³ , José M Correia da Costa³⁴, Giuseppe Nigri³⁵ , Volkmar Weissig³⁶ , Sergio Ralon³⁷ , Mohammad Kermansaravi³⁸ , Raül Oleas³⁹, Masaharu Seno⁴⁰ , Michael Baum⁴¹ , Jan Voskuil⁴² , Yoav Mintz^{43,44} , Stefan Rödigier⁴⁵ , Gudrun Schueler^{1,46} , Hartmut Kühn⁴⁷ , Paolo Delrio⁴⁸, Grzegorz Wallner⁴⁹ , Avraham Rivkind⁵⁰, Pentti Nieminen⁵¹ , David G Armstrong⁵² , Martin P Schlegel⁵³ , Martin Daumer^{1,2,54} , Vahur Ööpik⁵⁵ , Raimund JC Araujo Jr.⁵⁶ , Jose Florencio F Lapeña Jr.^{1,2,57}, Ray Perkins^{1,2,58} , Georgios Anogianakis^{1,2,59} , Jochen Salber^{1,2,60}, Reshef Tenne⁶¹ , and Ijaz S Jamall^{1,2,62}

¹Theodor-Billroth-Academy®, Germany, USA

²INCORE, International Consortium of Research Excellence of the Theodor-Billroth-Academy®, Germany, USA

³Department of Surgery, Carl-Thiem-Klinikum, Cottbus, Germany

⁴Neurogenetics, Institute of Zoology, University of Regensburg, Regensburg, Germany

⁵Department 4, Genetic Engineering and other Biotechnological Processes, Federal Office of Consumer Protection and Food Safety, Berlin, Germany

⁶Genomic Medicine, Office of Research & Development, Washington, DC, USA

⁷Precision Medicine Unit, Lausanne University Hospital (CHUV), Lausanne, Switzerland

⁸Center for Physiology and Pharmacology, Medical University of Vienna, Vienna, Austria

⁹Department of Surgery, "Elias" Emergency University Hospital, Bucharest, Romania

¹⁰Klinikum Großhadern, Munich, Germany

¹¹Heinz-Nixdorf-Chair of Biomedical Electronics, TranslaTUM, Department of Electrical and Computer Engineering, TU Munich, Munich, Germany

¹²Institute for Sport Sciences, University of the German Army, Neubiberg, Germany

¹³Orthopedic Department, Vila Velha Hospital, Vila Velha, Espírito Santo, Brazil

¹⁴Department of General, GI and Thoracic Surgery, Paracelsus Medical University, Klinikum Nuremberg, Nuremberg, Germany

¹⁵Department of Surgery, Metropolitan Hospital, Panama City, Panama

¹⁶Department of Nephrology and Diabetology, Carl-Thiem-Klinikum, Cottbus, Germany

¹⁷Institute of Farm Animal Genetics, Friedrich-Loeffler-Institut, Mariensee, Neustadt am Rübenberge, Germany

¹⁸Gastrointestinal Surgical Oncology Department, Greater Poland Cancer Centre, Poznan, Poland

¹⁹BrainScanology Inc., Dublin, CA, USA

²⁰Tissue Spatial Geometrics Lab, Berkeley, CA, USA

²¹Surgical Oncology Department, Portuguese Institute of Oncology, Porto, Portugal

²²Assia Medical Group, Assuta Medical Center, Tel Aviv, Israel

²³Department of Surgery, Ankara Numune Hospital, Ankara, Turkey

²⁴Surgical Oncology, University of Siena, Siena, Italy

²⁵Department of Thoracic Surgery, Istituto Clinico Humanitas CCO, Catania, Italy

²⁶Business School Lausanne – BSL, Lausanne, Switzerland

²⁷Medical Faculty, Technical University of Munich, Munich, Germany

²⁸Department of Cancer Biology, Wake Forest Baptist Comprehensive Cancer Center, Winston-Salem, NC, USA

²⁹Department of Surgical Oncology, Medical University of Gdansk, Gdansk, Poland

³⁰Competence Center "Visual Healthcare Technologies", Fraunhofer IGD, Darmstadt, Germany

³¹Department of Surgery, Klinikum rechts der Isar, Technical University of Munich, Munich, Germany

³²Cancer Institute, Hospital das Clínicas, School of Medicine, University of São Paulo, São Paulo, Brazil

³³Department of Surgery No. 2, National Medical University, Kharkiv, Ukraine

*Corresponding author: b-bruecher@gmx.de

- ³⁴ National Institute of Health Ricardo Jorge, Porto, Portugal
- ³⁵ Department of Medical and Surgical Sciences and Translational Medicine, Sapienza University of Rome, St. Andrea University Hospital, Rome, Italy
- ³⁶ Department of Pharmaceutical Sciences, Midwestern University, College of Pharmacy, Glendale, AZ, USA
- ³⁷ Department of Surgery, Hospital General San Juan de Dios, Universidad de San Carlos de Guatemala, Calle, Guatemala
- ³⁸ Department of Surgery, Minimally Invasive Surgery Research Center, Division of Minimally Invasive and Bariatric Surgery, Rasool-e Akram Hospital, School of Medicine, Iran University of Medical Sciences, Tehran, Iran
- ³⁹ Surgical Oncology, HPB and Liver Transplantation, Ecuadorian Cancer Institute, Quito, Ecuador
- ⁴⁰ Department of Cancer Stem Cell Engineering, Faculty of Interdisciplinary Science and Engineering in Health Systems, Okayama University, Okayama, Japan
- ⁴¹ University College London, London, UK
- ⁴² Aeonian Biotech, Leiden, Netherlands
- ⁴³ Department of General Surgery, Hadassah Hebrew University Medical Center, Jerusalem, Israel
- ⁴⁴ Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel
- ⁴⁵ Institute of Biotechnology, BTU Cottbus–Senftenberg, Senftenberg, Germany
- ⁴⁶ Hematology and Oncology for Cottbus and Southern Brandenburg, Cottbus, Germany
- ⁴⁷ Department of Biochemistry, Charite – University Medicine Berlin, Berlin, Germany
- ⁴⁸ Colorectal Surgical Oncology, Istituto Nazionale per lo studio e la cura dei Tumori, Fondazione Giovanni Pascale IRCCS-Italia, Naples, Italy
- ⁴⁹ Department of General, Gastrointestinal Surgery and Surgical Oncology of the Digestive Tract. Medical University of Lublin, Poland
- ⁵⁰ Department of General Surgery and Shock Trauma Unit, Hadassah-Hebrew University Medical Center, Ein Kerem, Jerusalem, Israel
- ⁵¹ Medical Informatics and Data Analysis Research Group, University of Oulu, Finland
- ⁵² Southwestern Academic Limb Salvage Alliance (SALSA), Department of Surgery, Keck School of Medicine of University of Southern California, Los Angeles, CA, USA
- ⁵³ Department of Anesthesiology and Intensive Care Medicine, Technical University Munich, Munich, Germany
- ⁵⁴ Sylvia Lawry Centre for Multiple Sclerosis Research e.V. – The Human Motion Institute, Munich, Germany
- ⁵⁵ Institute of Sport Sciences and Physiotherapy, Faculty of Medicine, University of Tartu, Tartu, Estonia
- ⁵⁶ Department of Surgery, Federal University of Piauí, Teresina, Piauí, Brazil
- ⁵⁷ Department of Otolaryngology, Head and Neck Surgery, College of Medicine, Philippine General Hospital, University of the Philippines Manila, Manila, Philippines
- ⁵⁸ New Liberty Proteomics Corporation, New Liberty, KY, USA
- ⁵⁹ Association for Training in Biomedical Technology, Thessaloniki, Greece
- ⁶⁰ Department of Surgery, UK Knappschafts Krankenhaus, Ruhr University, Bochum, Germany
- ⁶¹ Department of Molecular Chemistry and Materials Science, Weizmann Institute of Science, Rehovot, Israel
- ⁶² Risk-Based Decisions Inc., Sacramento, CA, USA

Received 10 March 2022, Accepted 10 March 2022

4open launches initiative to support Ukraine scientists and students

4open, its Editorial Board, scientists, and the network of the Theodor-Billroth-Academy and its International Consortium of Research Excellence (INCORE) are aware of the current dire situation for Ukrainian scientists and students. After the unprovoked attack on Ukraine on February 24, 2022, our colleagues in Ukraine are now in fear for their family members, colleagues and their own lives.

Humanity and peace initiatives should have top priority now. Alongside the hope that peace comes soon, additional support for scientists and students will become necessary in the short term.

Therefore, in solidarity with the initiative *#4openScienceStandsForUkraine*, we send a sign of support against war and for peace in Ukraine as Science and Arts have no borders and/or national and/or cultural issues to resolve. The goal is to provide up-to-date information for Ukrainian scholars on where to find support as well as active support for Ukraine scientists and students.

- Up-to-date supporting information which is provided at “*Humanity & Peace in Science*” at *4open’s* website.
- Ukrainian researchers and students are actively supported in pursuing their research outside Ukraine by providing suggestions on new labs and advices in relocation. Ukrainian researchers and students may reach out to the information provided or reach out to any of the authors for more information and support.
- Ukrainian scientists and students can send drafts of potential publications, projects or theses for independent peer review.

→ Ukrainian scientists and students will receive a waiver of publication charges to publish at 4open. This policy will not affect the strict, independent and rigorous peer-review and will last until the Editorial Board decides to rescind it.

Suggestions Web links for “*Humanity & Peace in Science*” at 4open’s website

- German National Research Data Infrastructure (Nationale Forschungsdateninfrastruktur (NFDI) e.V.) <https://www.nfdi.de/?lang=en>.
- Science Europe <https://scienceforukraine.eu/>.

Conflict of interest

The author reports the following conflict of interest: Björn LDM Brücher is Editor-in-Chief in Life Sciences-Medicine of 4open by EDP Sciences. Ijaz S Jamall is Deputy Editor-in-Chief in Life Sciences-Medicine of 4open by EDP Sciences. Detlef Bartsch, Ronald Przygodzki, Romain-Daniel Gosselin, Marjan Slak Rupnik, Michael A Scherer, Volkmar Weissig, Masaharu Seno, Hartmut Kühn, Jose Florencio F Lapeña Jr., Ray Perkins, Georgios Anogianakis, Jochen Salber and Reshef Tenne are Senior Editorial Board members. The following colleagues are Editorial members in Life Sciences-Medicine of 4open by EDP Sciences: Oliver Hayden, Nelson Elias, Björn Petersen, David Nguyen, Edouard Matevossian, Mesut Tez, Bruno Zilberstein, José M Correia da Costa, Mohammad Kermansaravi, Grzegorz Wallner, Avraham Rivkind, Pentti Nieminen, and Vahur Ööpik. The authors, of their own initiative, suggested publishing the manuscript as a Rapid Publication. No author took any action to influence the standard submission and peer-review process, and all report no conflict of interest. The authors alone are responsible for the content and writing of the manuscript. This manuscript contains original material that has not previously been published. The idea for this manuscript came from the first author, which was initiated with the second author and the last author. After a structure was created, INCORE members revised it and the body text was created. Every single author read, reviewed and edited the manuscript. All authors contributed to the manuscript and approved the final manuscript. Each author agrees to be accountable for all aspects of the work. This initiative manuscript was independently externally peer-reviewed, both reviewers do not wish to be named. The opinions or assertions contained herein are the private ones of the authors and are not to be construed as official or reflecting the views of the Publisher or the employers.

Ethics

This article and its content are not sponsored.

Cite this article as: Brücher B.LDM, Brembs B, Bartsch D, Przygodzki R, Gosselin RD, et al. 2022. Initiative on #4openScienceStandsForUkraine scientists and students. 4open, 5, E2.