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| DYMYTRII listunov  San Jose, CA, +17347809255  dplistunov@gmail.com |
| Energetic, effective, with attention to the details freelance translator with strong background in Chemistry and Chemical Biology. Native speaker level in Ukrainian and Russian and fluent in English and French. Highly organized and dedicated to delivering high quality product with a can-do attitude. Experienced in the IP translations in the field of Chemistry, Biotechnology, Medicine, Pharmaceutics and Drug Discovery/Development. Proven expertise in CAT assisted translations. |

# Experience

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| February 2020 – presentSENIOR Postdoctoral research FELLOW, medicinal chemistry, T. Cierpicki/J. Grembecka group, *Department of Pathology, University of Michigan, Ann Arbor, MI*  Project: "Design and synthesis of inhibitors of protein-protein interaction and targeted protein degradation".   * Designed and synthesized inhibitors of protein-protein interaction using fragment-based and structure-based design approaches; * Designed and synthesized molecules for targeted protein degradation of protein of interest using developed inhibitors; * Was responsible for general laboratory management and planning, supervised and taught young staff.  February 2017 – February 2020Postdoctoral research FELLOW, medicinal chemistry, T. Cierpicki/J. Grembecka group, *Department of Pathology, University of Michigan, Ann Arbor, MI*  Project: " Design and synthesis of inhibitors of protein-protein interaction".   * Hit-to-lead optimized the inhibitors of protein-protein interaction using fragment-based and structure-based design approaches; * Developed inhibitors with low-to-sub-micromolar binding affinity targeting a specific protein-protein interaction (1 patent application in preparation); * Designed and developed synthetic strategies leading to hundreds of compounds; * Designed and performed the multistep synthesis of small molecules for SAR studies applying modern organic synthesis methods (Pd catalyzed coupling, organometallic chemistry, metathesis); * Purified and fully characterized obtained compounds by the variety of techniques NMR (1H, 13C, HSQC, HMBC, NOESY, COSY), LC-MS, HR-MS. |
| january 2016 – January 2017FREELANCE TRANSLATOR Translation/Proofreading of IP in the fields of chemistry, biology, pharmaceutics, and biotechnology (EN-RU, RU-EN, EN-UA, UA-EN, RU-UA, UA-RU, FR-RU, FR-UA). Active use of CAT tools (memoQ, SDL Trados, MatCat, OmegaT etc) to achieve consistent and high-quality translation. january 2016 – January 2017Postdoctoral research fellow, organic chemistry, R. Chauvin, *LCC du CNRS (UPR 8241), Toulouse, France* Project: “Carbo-meric molecules as promising single molecule conducting and optical materials: Studies toward the synthesis of expanded *carbo*-meric molecules for single molecule conducting and optical materials”.   * Designed and developed synthetic approaches to potent single molecule conducting materials; * Developed a new and efficient approach to the regioselective synthesis of carbo-meric compounds with defined substituents (10-15 steps synthesis); * Fully characterized obtained compounds by a variety of techniques. Studied physical and electrochemical properties of obtained compounds; * Co-authored 3 published papers.  August 2015 – December 2015synthetic organic chemist, Dr. Dmitriy volochnyuk/Dr. Sergey ryabukhin, *Curpys Chemicals (part of Enamine)*, *Kyiv, Ukraine* Project: “Artemisinin analogs with improved PK properties and antimalarial activity” / ”Synthesis of building blocks for medicinal and combinatorial chemistry applications”.   * Synthesized small screening library of artemisinin analogs for investigation of its antimalarial activity; * Performed multistep synthesis towards building blocks for synthesis of screening libraries applying modern organic chemistry methods; * Supervised and taught young staff. |
| August 2014 – December 2014synthetic organic chemist, Dr. Dmitriy volochnyuk/Dr. Sergey ryabukhin, *Curpys Chemicals (part of Enamine)*, *Kyiv, Ukraine* Project: "Development of scale-up procedures for synthesis of isomeric octahydropyrrolopyridines”   * Developed, revised and modified the scale-up procedures and SOPs for key intermediates useful in the creating of screening libraries; * Designed new synthetic routes for multi-gram scale synthesis of molecules of interest applying green chemistry methods, atom economy and waste minimization concepts; * Reported data and progress to the leadership.  january 2011 – October 2013synthetic organic chemist, Dr. Sergii Popov, *Spectrum Info ltd (part of life chemicals)*, *Kyiv, Ukraine*  * Designed, performed and optimized the synthetic routes for the effective synthesis of key building blocks in small, medium-, and large scale for creating target oriented screening libraries; Synthesized fluorescent dyes; * Developed the scale-up procedures and SOPs for molecules of interest in the custom oriented synthesis; * Reported data and progress to the leadership; * Was responsible for general laboratory management, supervised and taught young staff. |

# Education

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| 2013 – 2015Ph.D., ORGANIC CHEMISTRY, R. Chauvin, Y. Genisson, V.Maraval, *Paul sabatier university*, *Toulouse, France* Thesis: “Synthesis of natural functional alkynylcarbinols (ACs) and evaluation of analogs as anti-tumor pharmacophores”. Systematic studies toward SAR in series of synthetic ACs analogs.   * Designed and performed systematic structural variation in natural reference compound exhibiting chiral cytotoxic pharmacophore * Developed a general approach to series of ACs * Hit-to-lead optimized of ACs with pronounced cytotoxic activity against HCT116 cell line. * Developed and optimized an asymmetric approach to ACs, bearing one or two pharmacophore fragments. * Co-authored 12 published papers (1 patent application in preparation). * Co-organized the 8th Scientific International Conference in Chemistry “Toulouse-Kyiv” (Toulouse, France), 2015**,** June1-4.   ***Grants and scholarships***: grant from the Ministry of Education within “100+100+100” educational program; doctoral scholarship from French Government (*via* French Embassy in Kiev and Campus France); merit-based scholarship from the Ministry of Education. 2010-2012Master of sciences (organic chemistry, medicinal chemistry)*Taras Shevchenko National University of Kyiv*, *Ukraine* Thesis: Synthetic modification of 1,3-thiazolidine-4-one 1,1-dioxides*.* PI: Prof. Iulian Volovenko.  Main classes: total organic synthesis, heterocyclic chemistry, heteroatom chemistry, fluorine chemistry, organometallic chemistry, palladium-catalyzed cross-coupling chemistry, medicinal chemistry, NMR, mass spectrometry.  ***Grants and scholarships***: merit-based scholarship from the Ministry of Education. |