

Principal Investigator	<b>Prof. Dr. Anna Dubrovka</b>
	<b>Scientific degrees:</b> Ph.D. Institute of Cell Biology and Genetic Engineering, National Academy of Sciences of Ukraine, Kyiv, Ukraine (2003)
	<b>Current positions:</b> since 2016 Tenured W2 Professor at TU Dresden, since 2016 Group leader at the Helmholtz-Zentrum Dresden-Rossendorf (HZDR)
	<b>Major previous positions:</b> 2011 – 2016 W2 Professor at TU Dresden (tenure track), 2007 – 2011 Postdoctoral fellow, The Scripps Research Institute, La Jolla, USA, 2007 – 2011 Visiting scientist, Genomics Institute of the Novartis Research Foundation, San Diego, USA
	<b>Major achievements:</b> - Scout of the Alexander von Humboldt Foundation in the Henriette Herz Scouting Programme (since 2024) - Member of the Radiobiology Scientific Advisory Group (SAG) for European Society Radiation Oncology (ESTRO) (since 2019) - DTKK faculty (Radiation Oncology and Imaging (ROI) (since 2016)
Research topics	<b>Keywords:</b> biomarkers , radiosensitizers , individualized radiotherapy
ORCID	<a href="https://orcid.org/0000-0002-3375-1500">https://orcid.org/0000-0002-3375-1500</a>
Most relevant patents	<ul style="list-style-type: none"> <li>Protein markers for the diagnosis and prognosis of ovarian and breast cancer, (2007), WO2008014458A3, WIPO</li> </ul>
5 most relevant publications	<ul style="list-style-type: none"> <li>Gorodetska et al.: ALDH1A1 drives prostate cancer metastases and radioresistance by interplay with AR- and RAR-dependent transcription, Theranostics (2024)</li> <li>Schniewind et al.: Cellular plasticity upon proton irradiation determines tumor cell radiosensitivity, Cell Reports (2022)</li> <li>Mukha A et al.: GLS-driven glutamine catabolism contributes to prostate cancer radiosensitivity by regulating the redox state, stemness and ATG5-mediated autophagy, Theranostics (2021)</li> <li>Nathansen et al.: Oct4 confers stemness and radioresistance to head and neck squamous cell carcinoma by regulating the homologous recombination factors PSMC3IP and RAD54L, Oncogene (2021)</li> <li>Digomann et al.: The CD98 Heavy Chain Is a Marker and Regulator of Head and Neck Squamous Cell Carcinoma Radiosensitivity, Clin Cancer Res (2019)</li> </ul>
	<b>Nr. of publications:</b> 103

**h-Index:** 41 (Scopus)