**TRANS-GLIOMA: Project Bibliography**

Start date: 01.09.2017

End date: 30.11.2020

*Publications (articles) that are the direct result of funding of the TRANS-GLIOMA project (each listed in the paper Acknowledgments and/or Funding) are marked with an asterisk (\*). However, the Bibliography also shows other articles that result from a close connection with the project and were created on the same topic and based on the knowledge from this project.*

**1. Research & Review Papers**

**□Corresponding author. \*Leading author / Project Leader**

\* Andrej Porčnik, Metka Novak, Barbara Breznik, Bernarda Majc, Barbara Hrastar, Neja Šamec, Alja Zottel, Ivana Jovčevska, Miloš Vittori, Ana Rotter, Radovan Komel, Tamara Lah Turnšek: TRIM28 selective nanobody reduces glioblastoma stem cell invasion. *Molecules*, ISSN 1420-3049, 25 Aug. 2021, vol. 26, iss. 17, p. 5141; <https://www.mdpi.com/1420-3049/26/17/5141>, doi: [10.3390/molecules26175141](https://doi.org/10.3390/molecules26175141). [COBISS.SI-ID [74227715](https://plus.si.cobiss.net/opac7/bib/74227715?lang=sl)], [[JCR](https://plus.si.cobiss.net/opac7/jcr?c=sc=1420-3049+and+PY=2020&r1=true&lang=sl), [SNIP](https://plus.si.cobiss.net/opac7/snip?c=sc=1420-3049+and+PY=2020&r1=true&lang=sl), [WoS](http://gateway.isiknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord&KeyUT=000694341500001), [Scopus](http://www.scopus.com/inward/record.url?partnerID=2dRBettD&eid=2-s2.0-85114045949)]. JCR IF (2020): 4.411, Q2

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Maxim Sorokin, Mikhail Raevskiy, Alja Zottel, Neja Šamec, Marija Skoblar Vidmar, Alenka Matjašič, Andrej Zupan, Jernej Mlakar, Maria Suntsova, Denis V. Kuzmin, Anton A. Budzin, Ivana Jovchevska: Large-scale transcriptomics-driven approach revealed overexpression of CRNDE as a poor survival prognosis biomarker in glioblastoma. *Cancers*, ISSN 2072-6694, Jul. 2021, vol. 13, iss. 14, pp. 1-18; <https://www.mdpi.com/2072-6694/13/14/3419>, doi: [10.3390/cancers13143419](https://doi.org/10.3390/cancers13143419). [COBISS.SI-ID [69980163](https://plus.si.cobiss.net/opac7/bib/69980163?lang=sl)], [[JCR](https://plus.si.cobiss.net/opac7/jcr?c=sc=2072-6694+and+PY=2019&r1=true&lang=sl), [SNIP](https://plus.si.cobiss.net/opac7/snip?c=sc=2072-6694+and+PY=2019&r1=true&lang=sl)]. JCR IF (2020): 6.639, Q1

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**2. Invited Lectures**

MAJC Bernarda: GlioBank: connecting research and clinical data. *TranSYS Online Training School*, Ljubljana (ZOOM-online), 25 November 2020.

BREZNIK Barbara: Nanobodies against TRIM28 inhibit glioblastoma cell growth and invasion. *EORTC 2020 virtual conference lecture*.

NOVAK Metka. CCL5/CCR5 signaling is important for invasion of glioblastoma in its microenvironment *Minisymposium Tumor Microenvironment: Tumor-Immune Cell Interactions*, 24 September 2019, Jožef Stefan Institute, Ljubljana, Slovenia. [COBISS.SI-ID [32732199](https://plus.si.cobiss.net/opac7/bib/32732199?lang=sl)]

BREZNIK Barbara: Trends in glioma research: heterogeneity, microenvironment and stem cells. *Interreg, Italia-Slovenia, Trans-glioma, Ljubljana, UKC, 1 June 2018*. [COBISS.SI-ID [4741711](https://plus.si.cobiss.net/opac7/bib/4741711?lang=sl)]

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KOMEL Radovan: From "synthetic biology" to "nanomedicine" and back. In: *Taste of Genomics : 70th anniversary of prof. dr. Radovan Komel : [Book of Abstracts; P. Hudler, A. Videtič Paska, eds.]*. Ljubljana: Faculty of Medicine. 2018, pp. 18-23. [COBISS.SI-ID [33820633](https://plus.si.cobiss.net/opac7/bib/33820633?lang=sl)]

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KOMEL Radovan: Cancer stem cells and new therapeutic aspects. In: *Rak – Cancer (G. Grubelnik, M. Štampar, eds.)*, Biotechnical Faculty Summer School, Ljubljana, 27-29 September 2017. Ljubljana: Biotechnical Faculty UL: Association of Slovenian Microbiology Students, 2017, p. 23. [COBISS.SI-ID [33414873](https://plus.si.cobiss.net/opac7/bib/33414873?lang=sl)]

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**3. Poster Presentations at the international conferences**

ZOTTEL Alja, JOVČEVSKA Ivana, ŠAMEC Neja, MLAKAR Jernej, ŠRIBAR Jernej, KRIŽAJ Igor, SKOBLAR VIDMAR Marija, KOMEL Radovan: Anti-TufM (Nb225) and anti-vimentin (Nb79) nanobodies are cytotoxic to glioblastoma cells and reduce their migration. In: *Abstracts*. [S. l.: s. n.]. 2020. <https://www.vibconferences.be/events/vibes-in-biosciences-2020#abstracts>. [COBISS.SI-ID [34746585](https://plus.si.cobiss.net/opac7/bib/34746585?lang=sl)]

ZOTTEL Alja, ŠAMEC Neja, JOVČEVSKA Ivana, KUMP Ana, RASPOR DALL'OLIO Lucija, PUŽAR DOMINKUŠ Pia, ROMIH Rok, HUDOKLIN Samo, KOMEL Radovan: TUFM and CRMP1 are significantly overexpressed in sEVs of glioblastoma stem cells. In: *Abstracts : virtual symposium*, 15th CFGBC Symposium, 15th June 2020, Ljubljana. Ljubljana: Faculty of Medicine. 2020. <http://cfgbc.mf.uni-lj.si/events-2020cfgbcsym15/events-2020cfgbcsym15-posterabstracts/>. [COBISS.SI-ID [19945475](https://plus.si.cobiss.net/opac7/bib/19945475?lang=sl)]

JOVČEVSKA Ivana, ŠAMEC Neja, ZOTTEL Alja, KUMP Ana, BOLČINA Lara, KRIVEC Eva, MUYLDERMANS Serge, ŠRIBAR Jernej, KRIŽAJ Igor, STOJAN Jure, KOMEL Radovan: Targeting glioblastoma stem cells with camellid anti-FREM2 nanobodies. In: *BIOmolekularec.si : A Biomolecular Sciences Virtual Day : Book of Abstracts (A. Bavec et al. eds.), Ljubljana, 24 September 2020 Slovenian Biochemical Society,* 2020, p. 29. <http://biomolekularec.splet.arnes.si/files/2020/09/BIOmolekularec_2020-zbornik.pdf>. [COBISS.SI-ID [29629699](https://plus.si.cobiss.net/opac7/bib/29629699?lang=sl)]

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JOVČEVSKA Ivana: Carmelid [alpha]-FREM2 nanobody decreases proliferation of glioblastoma stem cells and localizes on their surface. In: *TranSYS Online Training School, 22nd - 27th, November 2020 : Abstracts*. Ljubljana: University of Ljubljana, Faculty of Medicine, Institute of Biochemistry. 2020. <http://cfgbc.mf.uni-lj.si/events/2020transys-school/abstracts/>. [COBISS.SI-ID [41288707](https://plus.si.cobiss.net/opac7/bib/41288707?lang=sl)]

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**IVY volenteers at NIB**

The Interreg Volunteer Youth (IVY) Initiative is a pilot action to offer the possibility to young Europeans to serve as volunteers in cross-border, transnational or interregional programmes and related projects. The initiative is aimed at involving young European volunteers to support, promote and report the concrete achievements of these programmes and projects, as well as generally promote European Territorial Cooperation and related values such as solidarity.

As part of the TRANS-GLIOMA project in the Program Italy-Slovenia, we hosted **9 IVY volunteers**; **Bernarda Majc (Slovenia), Barbara Žvar Baškovič (Slovenia), Vashendriya Hira (Netherlands), Nika Šijanec (Slovenia) , Barbara Hrastar (Slovenia), Eva Krivec (Slovenia), Lea Knez (Slovenia), Lara Bolčina (Slovenia) and Zala Žužek (Slovenia).** They were all included in establishing a joint Slovenian- Italian regional tumor bank (called GLIOBANKA) and they assist in the laboratory research work, where the focus was to find new treatment options for glioblastoma. They were actively involved in the promotion and transfer of the basic research results data to the general public, aimed to improve understanding and the need for more “personlized” medicine in brain cancer and to spread the awareness of incidence and treatment of this currently incurable disease.

**SOCIAL MEDIA**

TRANS-GLIOMA Web page: <https://www.ita-slo.eu/sl/TRANS-GLIOMA>

TRANS-GLIOMA Facebook page: <https://www.facebook.com/TransGlioma/>

Summary of TRANS-GLIOMA Project and the associated links on the homepage of the website of Azienda ULSS 3 Serenissima (PP6) at the following link: <https://www.aulss3.veneto.it/Progetti-europei>

ASUIUD (PP2) Home page: <https://asuiud.sanita.fvg.it/innovazione/progetti-di-ricerca/progetto-standard-trans-glioma#null>

NIB (PP4) Home page: <https://www.nib.si/component/projects/?view=project&id=306>

Elettra (PP3) Home page information and news on the TRANS-GLIOMA project: <https://www.elettra.trieste.it/index.php?option=com_acesearch&view=search&query=TRANS%20GLIOMA&Itemid=705&lang=en>

Biosistemika (PP5) Home page of the TRANS-GLIOMA project: <https://biosistemika.com/project/transglioma/>

MCMB UL MF (LP/PP1) Home page of the TRANS-GLIOMA project: <http://mcmb.dibikibi.com/projects/research-projects/#trans-glioma>

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