

**JOINT TRANSNATIONAL CALL 2016:****"Minimally and non-invasive methods for early detection and/or progression of cancer"****PARTNER REQUEST/COLLABORATION OFFER**

If you would like to have your profile published on the TRANSCAN-2 website, "Looking for a research partner" webpage, please fill out this form and send it to

If you have any questions about this form, please do not hesitate to contact us at

Note: Fields marked with a * are mandatory

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*** I agree with the publication of my contact data and of this form on the TRANSCAN-2 Website:**

YES



SEARCH FOR A COLLABORATOR

IF YOU ARE LOOKING FOR A PARTNER IN YOUR SUGGESTED PROPOSAL, PLEASE SPECIFY ALSO THE NEEDED EXPERTISE

Project proposal

Project title (draft):

Liquid biopsy-based method for identification of novel diagnostic markers for brain tumors

Short description of the project in preparation and of the consortium; description of the areas of expertise needed (Max. 2000 words):

The consortium team in Turkey includes

- (a) a team of researchers in Institute of Biotechnology and Institute of Nanotechnology, Gebze Technical University with expertise in brain tumors, brain tumor initiating cell tumorspheres, CTCs and miRNAs, as well as novel microfluidic and optical platforms for DNA- and cell-based identifications. GTU also has in-house proteomics and transcriptomics facilities. GTU has strong collaborations with neurosurgeons in neighboring Anadolu Health Center, Tuzla – currently under evaluation for OECD accreditation;
and,
- (b) Dokuz Eylul University in Izmir, with strong expertise in neuroblastomas, cancer stem cells and miRNA arrays. DEU has neuroblastoma samples from all over Turkey.

We aim to focus on liquid biopsy-based identification of novel brain tumor diagnostic markers, using CTCs, ctDNA and miRNA, and a combinatorial –omics approach, and aim to device diagnostic microfluidics-based devices.

We look for partners who have similar interests and complementary expertise.



OFFER FOR COLLABORATION

IF YOU PROPOSE YOURSELF AS A PARTNER IN A CONSORTIUM, PLEASE DETAIL YOUR EXPERTISE

Short description of the areas of interest and expertise (Max. 2000 words):