



**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):

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

Polish Mother's Memorial Hospital Research Institute (PMMHRI) is a leading reference center (third degree) in the field of obstetrics, gynecology and pediatrics, which conducts scientific research and provides specialized medical services for the residents of the central region of Poland. The strength and high medical standard of the Institute are guaranteed by distinguished team of physicians and researchers (over 1600 employees).

The educational potential of the Institute encompasses vast area of medicine and life sciences initially with reproductive endocrinology and gynecology, through obstetrics, fetal disorders and pediatrics up to aging related pathology.



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):

Polish Mother's Memorial Hospital – Research Institute has a large experience in the field of breast cancer. Our work is focused on molecular research of tumor. Within the TRANSCAN project we will search for prognostic and predictive biomarkers in breast cancer. We would like to concentrate on the microRNA due to its huge potential in cancer diagnostics which results from the informative profiles of its expression which occurred in expression analysis of 200 microRNA in various human tissues and tumor types. What is more, the levels of microRNA expression seem to be correlated with the histological features of breast tumors, size of the tumor, lymph node occupation, proliferation ability and vascular invasiveness. This means that microRNA may represent a new class of informative molecular markers in diagnostics and prediction of breast cancer.

Our scientists carry out research in the field of: cervical cancer, endometrial cancer, ovarian cancer, breast cancer and endocrinology cancer.

In 2014, PMMH-RI opened Cancer Genetics Lab in which works within the area of molecular biology and cancer genetics are carried out with the Department of Pathology. We took part in the first edition in TRANSCAN and we are willing to participate also in this edition.

