



## 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

Contact Information	
First name *	Lucia
Last name *	Gabriele
Position *	Senior Researcher – Group Leader
Telephone number	+39-0649906025
E-mail address*	Lucia.gabriele@iss.it
Website address	
Institution/Organisation *	Istituto Superiore di Sanità
Department*	Oncology and Molecular Medicine
Street	
Postal Code / City *	00161
Country *	Italy

**\*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):



## 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):

The unit, in the division of Immuno-oncology, has conducted many studies focused on the dissection of the immune response against both haematological and solid tumours. In particular, the immune signals associated to Type I IFN have been extensively studied with the purpose to understand the cellular and molecular bases of the immunity against tumours such as melanoma and colorectal cancer. In this framework, cancer immunotherapy strategies based on the use of dendritic cells as well as IFN-I as cancer vaccine adjuvant\* have been developed. Moreover, particular attention has been paid to the molecular mechanisms underlying the tumor development as well as the antitumor response. In view of that, studies focused on selected epigenetic mutations have been also undertaken. Moreover, in close collaboration with the Department of Biology and Biotechnology of the Sapienza university in Rome, the unit is involved in RNA/DNA sequencing for studying biomarkers such as microRNA, long noncoding and circular RNA. Of note, the unit is currently performing the above immune-oncology studies on gender-specific basis.

In this light, the unit would like to contribute to a consortium bringing the expertise as well as the experimental tools developed in the field of immune-oncology.

