



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

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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):



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 team is part of a multidisciplinary group of experts in experimental and clinical research, at Fondazione INT-Milan (Italy), interested to set up strategies in the frame of early patient stratification. Specifically, we are interested in developing strong platforms of evidence coupled with robust methods to identify appropriate colon cancer biological targets as well as appropriate mechanistic biomarkers. Our main effort is to develop novel preclinical models and cell-based screening technologies that are minimally and non-invasive methods for early correct stratification of cancers. This activity may support actions leading to the implementation of strategies for early detection of cancer with poor prognosis and for tailoring treatment strategies according to the risk of progression for patients.

We offer our collaboration to consortia aiming to send a proposal to the call "Minimally and noninvasive methods for early detection and/or progression of cancer".

Recent Publications

Bozzi F, Mogavero A, Varinelli L, Belfiore A, Manenti G, Caccia C, Volpi CC, Beznoussenko G, Massimo Milione, MD; Valerio Leoni, MD, PhD; Annunziata Gloghini, PhD; Mironov A, Leo E, Pilotti S, Pierotti MA, Bongarzone I and Gariboldi M. ***MIF/CD74 axis is a target for novel therapies in colon carcinomatosis.*** Journal of Experimental & Clinical Cancer Research. In press

Varinelli L, Caccia D, Volpi CC, Caccia C, De Bortoli M, Taverna E, Gualeni AV, Leoni V, Gloghini A, Manenti G, Bongarzone I. ***4-IPP, a selective MIF inhibitor, causes mitotic catastrophe in thyroid carcinomas.*** Endocr Relat Cancer. 2015 Oct;22(5):759-75.

Sokolova V, Crippa E, Gariboldi M. World J Gastroenterol. ***Integration of genome scale data for identifying new players in colorectal cancer.*** 2016 Jan 14;22(2):534-45. Review.

Sokolova V, Fiorino A, Zoni E, Crippa E, Reid JF, Gariboldi M, Pierotti MA. ***The Effects of miR-20a on p21: Two Mechanisms Blocking Growth Arrest in TGF- β -Responsive Colon Carcinoma.*** J Cell Physiol. 2015 Dec;230(12):3105-14.

Cremona M, Espina V, Caccia D, Veneroni S, Colecchia M, Pierobon M, Deng J, Mueller C, Procopio G, Lanzi C, Daidone MG, Cho WC, Petricoin EF, Liotta L, Bongarzone I. ***Stratification of clear cell renal cell carcinoma by signaling pathway analysis.*** Expert Rev Proteomics. 2014 Apr;11(2):237-49.

Orlandi R, De Bortoli M, Ciniselli CM, Vaghi E, Caccia D, Garrisi V, Pizzamiglio S, Veneroni S, Bonini C, Agresti R, Daidone MG, Morelli D, Camaschella C, Verderio P, Bongarzone I. ***Hepcidin and ferritin blood level as noninvasive tools for predicting breast cancer.*** Ann Oncol. 2014 Feb;25(2):352-7.

Zanutto S, Pizzamiglio S, Ghilotti M, Bertan C, Ravagnani F, Perrone F, Leo E, Pilotti S, Verderio P, Gariboldi M, Pierotti MA. ***Circulating miR-378 in plasma: a reliable, haemolysis-independent biomarker for colorectal cancer.*** Br J Cancer. 2014 Feb 18;110(4):1001-7.

Perrone F, Lampis A, Bertan C, Verderio P, Ciniselli CM, Pizzamiglio S, Frattini M, Nucifora M, Molinari F, Gallino G, Gariboldi M, Meroni E, Leo E, Pierotti MA, Pilotti S. ***Circulating free DNA in a screening program for early colorectal cancer detection.*** Tumori. 2014 Mar-Apr;100(2):115-21.

