





JOINT TRANSNATIONAL CALL 2017: "Translational Research on Rare Cancers"

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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|----------------------------|--------------------------------|
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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):

I am looking for participation of the research focused on rare tumours and lesions of pancreas.
<http://www.researcherid.com/rid/B-3889-2018>

Our laboratory is mostly focused on targeted cancer treatment, including nano-based and mesenchymal stem cell-based approaches, epigenetics and molecular oncology. We have expertise in many molecular-genetic techniques, including three-dimensional cell cultures, gene therapy, protocols to process and expand patient/derived xenografts, liquid biopsy approaches (cfDNA, CD45depletion) etc.

Current involvement in projects:

Innocent <http://innocent.sav.sk/>

HISENTS <http://hisents.eu/>

H2020 iPAAC Innovative Partnership for Action Against Cancer

In our current study we aim:

- to clarify the role of inflammation-driven epigenetic changes, associated with EMT and PDAC invasiveness
- to study inflammation-induced molecular and phenotypic changes in fibro-inflammatory stromal-activated model of pancreatic cancer
- to determine if the inflammation-induced acquisition of mesenchymal phenotype by neoplastic epithelial cells is associated with the onset of mesenchymal stromal cell-like immune-regulatory properties
- to find out whether stroma-activated inflammation will induce changes in DNA methylation, histone modification and/or miRNA gene expression in EMT and metastatic risk associated genes
- to examine if these changes enhance stem cell differentiation and reprogramming efficiency of PDAC cells
- to evaluate clinical significance of achieved results