

Request for review - project No. 17-07332S

Inbox x



department3@gacr.cz

Tue, Jul
12, 2016,
5:18 PM

to me

Dear Dr. Seshadri,

I am taking the liberty to contact you on behalf of the Czech Science Foundation - the main public funding agency in the Czech Republic supporting all areas of basic scientific research with the kind request for your participation in our review process. Considering your experience and outstanding scientific contribution, we would be honored if you would accept to review the project proposal No. 17-07332S submitted by MUDr. Tomáš Hrnčíř, Ph.D. and entitled:

Unraveling the role of ileal microbiota in the pathogenesis of multiple sclerosis

(You will find its abstract at the end of this e-mail.)

Please note that the evaluation of project proposals is processed electronically. To let us know your decision at your earliest convenience, please, select the corresponding option at the address: <http://review.gris.cz>.

We would be very delighted to have your decision regarding the acceptance or rejection (not the review itself) by 02. August 2016. The deadline for the delivery of the review is to be selected in the on-line application.

We would like to offer you the option of being remunerated in the amount of 2500 CZK, which is equivalent to approximately 90 EUR or 100 USD (or equivalent amount in other currencies according to the current Exchange rate) per review for fully completed reviews. The honorarium will be paid upon request and after completing and finalizing the review and providing us with all the required data necessary for successful payment processing.

In case the project does not fit within your area of expertise, we would be grateful if you could recommend an expert whose area it is, and who could be willing to serve as a reviewer of the project proposal.

On-line application for review process: <http://review.gris.cz>

Your username: nxfucnose

Your password: reviewers who participated in our review process in the past should have their own password from previous year/s. For forgotten password kindly contact review@gacr.cz.

Please do not hesitate to contact us at review@gacr.cz if you require any further information or clarification.

We thank you very much in advance for considering to participate in the review process and we sincerely hope that you will accept our invitation.

Yours sincerely,

Ivan Netuka
President of the Czech Science Foundation

For further correspondence please contact:
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ABSTRACT:

Multiple sclerosis (MS) is a devastating chronic disorder of the central nervous system which affects 2.5 million people worldwide. It is an autoimmune disorder characterized by nerve demyelination. Genetic, environmental, and immunological factors are involved in the pathogenesis of MS. Genome-wide association studies have identified multiple candidate genes that encode cytokines, their receptors and immunoregulatory molecules. However, monozygotic twin studies show the concordance rate of 30%, indicating the significance of environmental factors in the pathogenesis of MS. Studies in gnotobiotic animals showed that gut microbiota plays an important role in the development of inflammatory disorders including MS. In addition, recent studies showed that patients with MS have different gut microbiota, but the mechanisms by which dysbiosis of gut microbiota triggers MS is not known. The ileal microbiota influences the development of both regulatory and also pro-inflammatory lymphocytes. The aim of this study is to unravel, using a unique model of Nod2-deficient gnotobiotic mice, the