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CeNT CENTRE
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TECHNOLOGIES

invites to a seminar by

Prof. Anna Ciemerych-Litwinienko,

University of Warsaw (Biology Department)

“ From Pluripotency to Myogenesis ”

Date: January 11th, 2019 at 12 p.m.

Venue: Centre of New Technologies, Banacha 2C,
Lecture Hall 0142 (Ground floor)

Host: Marta B. Wiśniewska

Abstract:

Pluripotent stem cells, such as embryonic stem cells or induced pluripotent stem cells, are considered as a source of cells that can be used in regenerative medicine. Moreover, their special features, such as unlimited proliferative potential, pluripotency, and also availability of the methods allowing to manipulate their gene expression, turn them into almost perfect tool to study mammalian development in vitro. In our lab we use these cells to analyze the role of various transcription factors and microRNAs in their myogenic differentiation both in vitro and in vivo.