



# COST STSM Application Form

To be sent by the applicant as attachment by e-mail together with all the documents he/she would like to submit to support the application (full CV, detailed work plan, motivation, etc.) to the

- \* Host (who will send his agreement to host the applicant to the MC Chair)
- \* MC Chair for evaluation and approval

**COST Office Science Officer: DR GIUSEPPE LUGANO, giuseppe.lugano@cost.eu**

**COST MC Chair: PROF. PIERRE PAROT, parot@cea.fr**

**COST STSM Manager: PIERRE PAROT, pierre.parot@cea.fr**

**COST STSM Reference Number: COST-STSM-TD1002-13121**

**Period: 2013-08-26 00:00:00 to 2013-08-30 00:00:00**

**COST Action: TD1002**

**STSM type: Exceptional case (from Russian Federation to Denmark)**

**STSM Applicant:** Mr George Shevelev, Institute of Chemical Biology and Fundamental Medicine, Novosibirsk (RU),  
metatezis@gmail.com

**STSM Topic:** AFM investigation of force and thermodynamic parameters of native and mutated double stranded DNA

**Host:** Leonid Gurevich, Institute of Physics and Nanotechnology, Aalborg (DK), lg@nano.aau.dk

## Budget Request: Year-2013

Travel	800 Euro
Subsistence (hotel/meals)	800 Euro
Total	1600 Euro

## Short CV:

29.06.1989

M.Sc in 2011

qualification - chemist

## Work Plan Summary:

1. Investigation of approaches of attaching ss DNA on the AFM probe.
2. Synthesis conjugates of ssDNA and AFM probe.
3. Development of thermodynamic and force measurements technique.
4. Data analysis

I request the approval of a COST Short Term Scientific Mission as described above

Applicant

Mr George Shevelev

16 Feb 2013