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**BASTION – FROM BASIC TO
TRANSLATIONAL RESEARCH
IN ONCOLOGY**

**Report on the visit of Dr Jeff Palatini to the Medical University of Warsaw,
within 7PR21/BASTION/WP1 (Twinning)**

I stayed at Prof. Jazdzewski's lab at the Medical University of Warsaw from 13.01.2015 until 17.08.2015. During my stay, I participated in on-going research projects involving next-generation sequencing methods, including small RNA sequencing. Specifically, I was involved with the planning and set-up of the next-generation sequencing facility at MUW. Initially, I presented a series of lectures and a number of presentations focused on developing a greater understanding on sequencing. Once the sequencing instrumentation was installed, I began working with Prof. Jazdzewski's lab on both small RNA focused sequencing and transcriptome sequencing projects, which are continuing. The most recent project I have worked on is the implementation of pre-indexing DNA fragments for targeted re-sequencing in mutation analysis in germline patient samples. The overall goal is to use next-generation sequencing for population screening in cancer and other disorders, including non-invasive prenatal testing (NIPT).



Dr Jeff Palatini at Genomic Medicine, MUW