

## **BGM presents solutions in Next generation sequencing at TIBO'2017**

**BGM cooperating with SGI for more than 10 years in High Performance Computing (HPC) presents solutions in Next generation sequencing(NGS) at TIBO'2017.  
Please visit us at booth D7.2**

SGI addresses computational and storage problems inherent in NGS applications by providing a broad technology portfolio that includes coherent shared memory (CSM) and distributed memory compute platforms, along with a full range of integrated storage solutions. Included is the NUMA architecture, a system that links multiple nodes of processors and/or memory over a special high-speed network. Under NUMA a processor can access its own local memory faster than non-local memory residing on other processors or shared between processors.

Specifically the SGI solution allows all memory that resides on any node or blade to be completely visible to any of the cores in the system. All data within memory is available using direct access mechanisms, regardless of where the memory actually resides. The SGI UV family of servers, featuring Intel® Xeon® E5-4600 processors, is based on the NUMA architecture and provides the full range of CSM capabilities without modifying the existing IT infrastructure. The SGI UV uses standard Intel processors, and runs standard Linux - no need to rewrite code or recompile to achieve top performance as well as compatibility with older applications.

### **About BGM**

BGM is the leading company in Baltic states in High Performance Computing. BGM quality management and information security system is certified according to ISO9001 and ISO27001 standard. Visit [bgm.lt](http://bgm.lt) ([bgm.lt/](http://bgm.lt/)) for more information

### **About SGI**

SGI is a global leader in high-performance solutions for compute, data analytics, and data management that enable customers to accelerate time to discovery, innovation, and profitability. Visit [sgi.com](http://sgi.com) ([sgi.com/](http://sgi.com/)) for more information