



RIKEN  
Medical Sciences Innovation Hub Program

## MIH SEMINAR

# Computing and probing cancer immunity

Professor Zlatko Trajanoski

Biocenter, Division for Bioinformatics,  
Medical University of Innsbruck, Austria

Date : June 25th (Mon.) 17:00-18:30

Place : Conference Room 1-4,

RIKEN Tokyo Liaison Office (Nihonbashi)

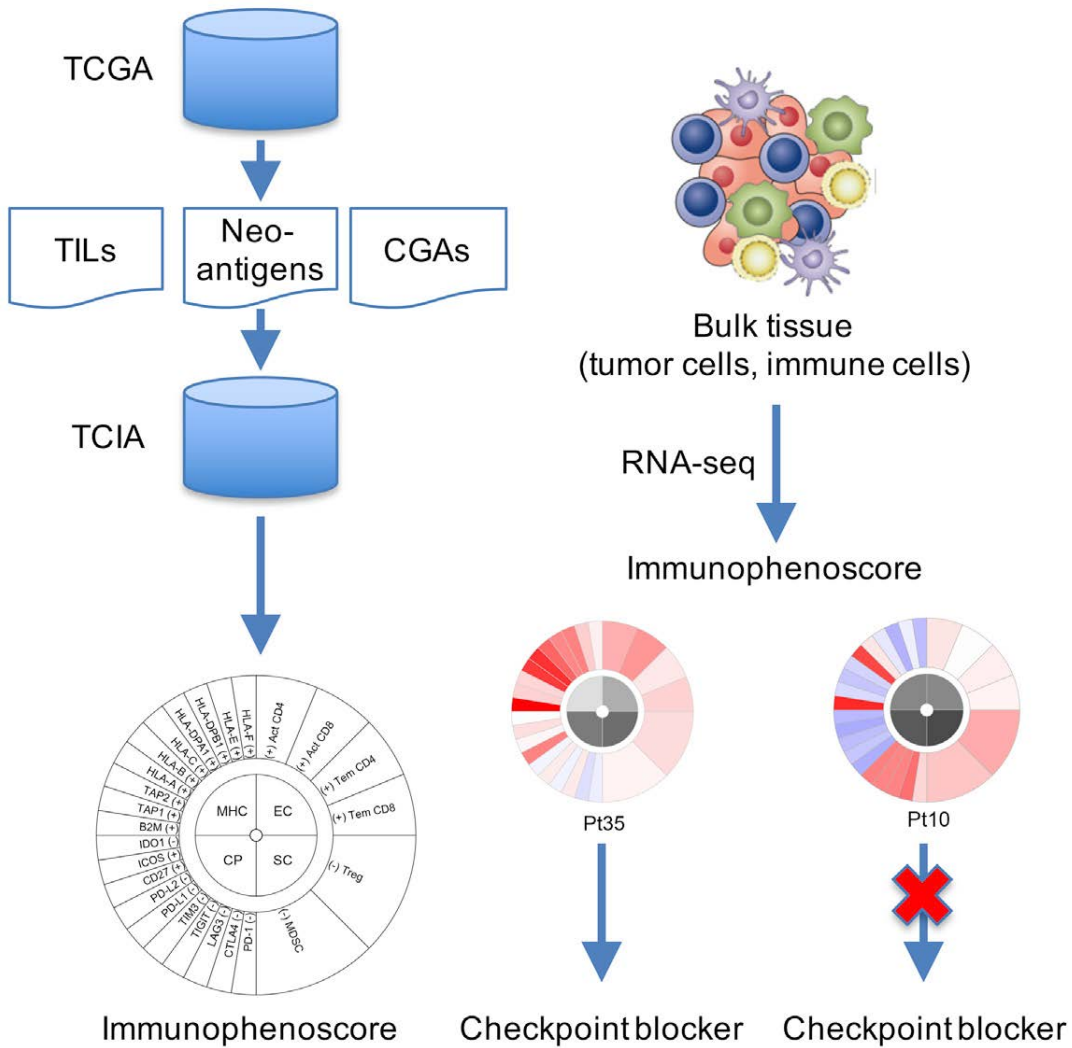
<http://www.mih.riken.jp/access/index.html>

Host : Kazuhiro Kakimi(M.D., Ph.D.)

MIH, Cancer Immunology Data Multi-level  
Integration Unit, Unit Leader

**Registration & Contact:** [mih-office@riken.jp](mailto:mih-office@riken.jp)

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Web-accessible resource provides a view of the tumor-immune interface in 20 solid cancers

The database includes charted antigenomes and cellular compositions of the immune infiltrates

Cancer genotypes determine tumor immunophenotypes and tumor escape mechanisms

Immunophenoscore is a predictor of response to checkpoint blockade in melanoma

Charoentong P, Finotello F, Angelova M, Mayer C, Efremova M, Rieder D, et al. Pan-cancer Immunogenomic Analyses Reveal Genotype-Immunophenotype Relationships and Predictors of Response to Checkpoint Blockade. *Cell Rep.* 2017; 18: 248-62.