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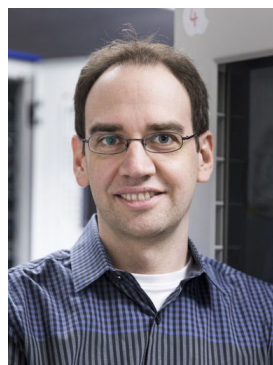
BIOINFORMATICS SEMINAR

OLIVER KOHLBACHER

Professor, Applied Bioinformatics

UNIVERSITY OF TUEBINGEN AND THE MAX PLANCK INSTITUTE,
GERMANY

**COMBINATORIAL OPTIMIZATION FOR COMPUTATIONAL
VACCINE DESIGN**



BIOGRAPHY

Prof. Oliver Kohlbacher is a Professor of Applied Bioinformatics at the University of Tübingen, Germany. In addition to leading the Applied Bioinformatics Group, he is the Director of the Interfaculty Institute for Biomedical Informatics, the Director of the Institute for Translational Bioinformatics at the University Medical Center, and a Fellow at of the Max Planck Institute for Developmental Biology.

He is also an adjunct professor at the Faculty of Medicine and at the Center for Personalized Medicine, in Tübingen. He is former director of the Quantitative Biology Center in Tübingen.

Dr. Kohlbacher received his PhD in Computer Science in 2001 from Saarland University, at Saarbrücken and earlier earned a diploma in Physical Chemistry from the same university. Early on he was a Research Scientist at Celera Genomics in Maryland, and also the Head of the Junior Research Group for Protein Docking, Center for Bioinformatics, Saarbrücken.

His extensive work and research interests include method (and open-source code) development in computational biology and their application in systems biology, drug design, and immunology. His group focuses on the analysis of high-throughput data from genomics, transcriptomics, proteomics, and metabolomics, and on developing algorithmic and statistical techniques to analyze and integrate them.

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