

Prof. dr. Antoine van  
Kampen

Academic Medical Center /  
University of Amsterdam

Bioinformatics Laboratory /  
Biosystems Data Analysis Group



**Antoine van Kampen** (born Tilburg, the Netherlands in 1967, PhD in 1997 at University of Nijmegen, in The Netherlands) is a chemometrician who moved to bioinformatics in 1997. He is group leader of the Bioinformatics Laboratory ([www.bioinformaticslaboratory.nl](http://www.bioinformaticslaboratory.nl)) that is located at the Academic Medical Center (AMC, Amsterdam) and at the Biosystems Data Analysis group (Swammerdam Institute for Life Sciences, UvA). He holds the chair 'Biological and Biomedical Information Science' with a special focus on Medical Bioinformatics. His group is engaged in broad range of research, support projects and teaching. The main research lines comprise (a) Systems Genomics, (b) Semantic Biosystems, (c) e-Bioscience and (d) OMICS data analysis (i.e., Next Generation Sequencing, microarrays, lipidomics). He was Scientific Director of the Netherlands Bioinformatics Center from 2006-2010.

### Key publications

Luyf AC, van Schaik BD, de Vries M, Baas F, van Kampen AH, Olabarriaga SD. (2010) Initial steps towards a production platform for DNA sequence analysis on the grid. *BMC Bioinformatics*. 11(1), 598.

Klarenbeek PL, Tak PP, van Schaik BD, Zwinderman AH, Jakobs ME, Zhang Z, van Kampen AH, van Lier RA, Baas F, de Vries N. (2010) Human T-cell memory consists mainly of unexpanded clones. *Immunol Lett.*, ;133(1), 42-8.

Willemsen AM, Jansen GA, Komen JC, van Hooff S, Waterham HR, Brites PM, Wanders RJ, van Kampen AH (2008) Organization and integration of biomedical knowledge with concept maps for key peroxisomal pathways. *Bioinformatics*. 24(16), i21-7.

van Hooff SR, Koster J, Hulsen T, van Schaik BD, Roos M, van Batenburg MF, Versteeg R, van Kampen AH. (2009) The construction of genome-based transcriptional units. *OMICS*, 13(2), 105.

Caron HN, van Schaik BDC, van der Mee M, van Sluis P, Hermus M-C, van Asperen R, Riggins G, Heisterkamp SH, Baas F, Boon K, Voûte PA, van Kampen AHC and Versteeg R (2001) The Human Transcriptome Map reveals a clustering of highly expressed genes in chromosomal domains, *Science*, 291, 1289-1292. (IF 2008: 26.372)