



**CiiM**

CENTRE FOR INDIVIDUALISED  
INFECTION MEDICINE

## Curriculum Vitae

### Personal Data

Title	Prof. Dr.
First name	<b>Yang</b>
Name	<b>Li</b>
Current position	Head of Department of Computational Biology for Individualized Medicine, Director CiiM, W3 Professor Computational Biology (permanent position).
Current institution	Helmholtz Centre for Infection Research, Braunschweig / Hannover
ORCID	<a href="https://orcid.org/0000-0003-4022-7341">https://orcid.org/0000-0003-4022-7341</a>

### Qualifications and Career

#### Degree programme

1999 Master of Science, Hunan University, China

#### Doctorate

2010 Doctorate degree, Groningen Bioinformatics Centre, University of Groningen, The Netherlands (Supervisors: Prof. Reiner Breitling, Prof. Ritsert Jansen)

#### Academic & Professional Experience

Since 2020 Deputy Topic Speaker for the Helmholtz Centre for Infection Research, Braunschweig

Since 2019 Director of Centre for Individualized Infection Medicine (CiiM), Hannover. Full Professor (W3) of Computational Biology & Head of Department of Computational biology for individualized medicine, CiiM, Helmholtz Centre for Infection Research, Hannover

2013-2019 Principal Investigator, Assistant Professor, Department of Genetics, University Medical Centre Groningen, University of Groningen, Groningen, The Netherlands

2010-2013 Postdoc, Groningen Bioinformatics Centre (GBiC), University of Groningen, Groningen, the Netherlands (Maternity leave: Dec. 2011 – Apr. 2012)

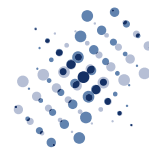
#### Academic Distinctions

2023 Clarivate Highly Cited Researcher 2023

2018 Renowned Overseas Professors by Guangdong Pharmaceutical University

2014 Qingtian Award for Outstanding Chinese researcher in The Netherlands

2011 Dutch Bioinformatics Young Investigator Award, Netherlands Bioinformatics Centre (One winner/year)



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## Key Publications

1. Zhang, B., Zhang, Z., Koeken, V.A.C.M., Kumar, S., Aillaud, M., Tsay, H.-C., Liu, Z., Kraft, A.R.M., Soon, C.F., Odak, I., Bošnjak, B., Vlot, A., Deutsche COVID-19 OMICS Initiative (DeCOI), Swertz, M.A., Ohler, U., Geffers, R., Illig, T., Huehn, J., Saliba, A.E., Sander, L.E., Förster, R., Xu, C.-J., Cornberg, M., Schulte, L.N., **Li, Y.**<sup>#</sup> Altered and allele-specific open chromatin landscape reveals epigenetic and genetic regulators of innate immunity in COVID-19. *Cell Genomics*, 2023. <https://doi.org/10.1016/j.xgen.2022.100232>
2. Schulte-Schrepping, J.\*, Reusch, N.\*, Paclik, D.\*, Baßler, K\*., Schlickeiser, S.\*, Zhang, B.\* , ..., Schultze, J. L.<sup>#</sup>, Aschenbrenner, A. C.<sup>#</sup>, **Li, Y.**<sup>#</sup>, Nattermann, J.<sup>#</sup>, Sawitzki, B.<sup>#</sup>, Saliba, A.-E.<sup>#</sup>, Sander, L. E.<sup>#</sup>, Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. *Cell* 182 (6), 1419-1440.e23 (2020). doi.org/10.1016/j.cell.2020.08.001
3. Bakker, OB, Aguirre-Gamboa, R, ..., Wijmenga, C, Netea, MG & **Li Y.**<sup>#</sup> Integration of multi-omics data and deep phenotyping enables prediction of cytokine responses. *Nature Immunology* 2018(19): 776–786. doi.org/10.1038/s41590-018-0121-3
4. **Li, Y.**<sup>#</sup>, Oosting ,M, Deelen, P, ... Netea, MG<sup>#</sup>. Inter-individual variability and genetic influences on cytokine responses to bacteria and fungi. *Nat Med* 2016(22): 952–960. doi.org/10.1038/nm.4139
5. **Li, Y**, Oosting, M, Smeekens, SP, ..., Netea, MG. A Functional Genomics Approach to Understand Variation in Cytokine Production in Humans. *Cell* 2016(167): 1099-1110.e14. doi.org/10.1016/j.cell.2016.10.017

Hannover, 22.11.2024