CiiM
CENTRE FOR INDIVIDUALISED INFECTION MEDICINE

Curriculum Vitae

First name: Cheng-Jian Family name: Xu

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Current Position

Professor of Clinical Bioinformatics (W2), Centre for Individualised infection Medicine (CiiM), Hannover Medical School

Education

2000–2003	Ph.D. Chemometrics, Central South University, Changsha, China.
1997–2000	Master of Science, Analytical Chemistry, Hunan University, China
1991–1995	Bachelor of Science, Chemistry, Hunan University, Changsha, China

Other academic and management activities

Associated Editor in Frontier in Genetics, Compactional Genomics, since 2022
Member of BIOMEdical DAta Science (BIOMEDAS) Programme Board, Translational Alliance in Lower Saxony (TRAIN), Hannover, Germany, since 2022

Publication (Index h= 37 Scopus)

Five Selected publications

1. Xu, C.-J., Söderhäll, C., Bustamante, et al.
   DNA methylation in childhood asthma: an epigenome-wide meta-analysis. (2018)
   Lancet Respiratory Medicine 6, 379–388
2. Oltmanns, C., Liu, Z., Mischke, J., Tauwaldt, J., Mekonnen, Y.A., Urbanek-Quaing, M., Debarry, J., Maasoumy, B., Wedemeyer, H., Kraft, A.R.M., Xu, C.-J.,* and Cornberg, M., * (2022). Reverse inflammaging: Long-term effects of HCV cure on biological age. *Journal of Hepatology*. 10.1016/j.jhep.2022.08.042
3. Xu, C.-J., Gruzieva, O., Qi, C., *et.al* . Shared DNA methylation signatures in childhood allergy: The MeDALL study.
   J. Allergy Clin. Immunol. 147, 1031–1040 (2021).
4. Rabold, K., Zoodsma, M., Grondman, I., Kuijpers, Y., Bremmers, M., Jaeger, M., Zhang, B., Hobo, W., Bonenkamp, H.J., de Wilt, J.H.W., Janssen, M.J.R., Cornelissen, L.A.M., van Engen-van Grunsven, I.C.H., Mulder, W.J.M., Smit, J.W.A., Adema, G.J., Netea, M.G., Li, Y., Xu, C.-J., * and Netea-Maier, R.T. * (2022). Reprogramming of myeloid cells and their progenitors in patients with non-medullary thyroid carcinoma. *Nature Communications* 13, 6149. 10.1038/s41467-022-33907-4.
5. van Breugel, M., Qi, C., Xu, Z., Pedersen, C.-E.T., Petoukhov, I., Vonk, J.M., Gehring, U., Berg, M., Bügel, M., Capraij, O.A., Forno, E., Morin, A., Eliasen, A.U., Jiang, Y., van den Berge, M., Nawijn, M.C., Li, Y., Chen, W., Bont, L., Bønnelykke, K., Celedón, J.C., Koppelman, G.H., and Xu, C.-J. (2022). Nasal DNA methylation at three CpG sites predicts childhood allergic disease. *Nature Communications.* 10.1038/s41467-022-35088-6.

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