



Maria Ulvmar

Uppsala University, Sweden

• Education

Period	Affiliation	Position
– 2009	Karolinska Institute, Sweden	Ph.D.
– 2001	Stockholm University, Sweden	M.Sc.

• Affiliations / Experience

Period	Affiliation	Position
– 2022-Present	Uppsala University, (IMBIM), Sweden	Senior Lecturer Associate Professor
– 2017-2022	Uppsala University, (IGP), Sweden	Group leader, Assistant Professor
– 2013-2017	Uppsala University, Department of Immunology, Genetics and Pathology (IGP), Sweden	Senior Postdoctoral Fellow
– 2010-2013	Birmingham University, Centre for Immune Regulation, United Kingdom	Marie Curie Postdoctoral Fellow (IEF FP7)

• Committee Memberships

- The Swedish Cancer Foundation, microbiology and immunology division
- Medical Research Council in the United Kingdom, Grant committee
- Auckland Medical Research Foundation, New Zealand, Grant committee
- U-CAN (Uppsala-Umeå Comprehensive Cancer Consortium) diagnosis-specific group breast cancer U-CAN (Uppsala-Umeå Comprehensive Cancer Consortium) diagnosis-specific group pancreatic and liver cancer
- European Vascular Biology Organisation (EVBO)

• Publications

- Bekkhus T, Olofsson A, Sun Y, Magnusson PU, Ulvmar M.H. Stromal transdifferentiation drives lipomatosis and induces extensive vascular remodeling in the aging human lymph node *The Journal of Pathology*. 259(3):236-253. doi: 10.1002/path.6030. Cover article
- Bekkhus T, Avenel C, Hanna S, Franzén Boger M, Klemm A, Bacovia DV, Wärnberg F, Wählby C, Ulvmar M.H.. Automated detection of vascular remodeling in tumor-draining lymph nodes by the deep-learning tool HEV-finder. *The Journal of Pathology*. 258(1):4-11. doi: 10.1002/path.5981. Cover article
- Bekkhus T., Martikainen T., Olofsson A., Franzen Boger M., Vasiliu Bacovia D., Warnberg F., Ulvmar M.H.: Remodeling of the Lymph Node High Endothelial Venules Reflects Tumor Invasiveness in Breast Cancer and is Associated with Dysregulation of Perivascular Stromal Cells. *Cancers (Basel)*, doi: 10.3390/cancers13020211. Senior corresponding author. Selected as editors choice
- Xiang M., Adrián Grosso R., Takeda A., Pan J., Bekkhus T., Brulois K., Dermadi D., Nordling S., Vanlandewijck M., Jalkanen S., Ulvmar M.H.* and Butcher E.C.* A single-cell transcriptional roadmap of the mouse and human lymph node lymphatic vasculature. *Frontiers in Cardiovascular medicine* 7(52) doi: 10.3389/fcvm.00052 *Co-senior and corresponding author
- Ulvmar M.H., Werth K., Braun A., Kelay P., Hub E., Eller K., Chan L., Lucas B., Novitzky-Basso I., Nakamura K., Rülcke T., Nibbs R.J., Worbs T., Förster R., Rot A. The atypical chemokine receptor CCRL1 shapes functional CCL21 gradients in lymph nodes. *Nature Immunology*, (7); 623-630. doi: 10.1038/ni.2889. Cover article