

Prof. Dr. med. Il-Kang Na

Current Positions and Affiliations

- Senior physician
- Group Leader

- Experimental and Clinical Research Center (ECRC)
- Berlin Institute of Health (BIH)
- Johanna Quandt professorship

University Education

2004 Medical School, Freie Universität Berlin, State examination

Professional Experience

2004 – 2007 Academic Clinician at the Medical Department for Hematology, Oncology and Transfusion Medicine, Charité (CBF)

2005 M.D. thesis, Charité – Universitätsmedizin Berlin

2007 – 2009 Postgraduate research fellowship, Memorial Sloan-Kettering Cancer Center, USA

2009 – present Academic clinician, Charité - Universitätsmedizin Berlin (CVK)
Principal investigator, ECRC

2011 Habilitation in Experimental Medicine

2013 Board certification for Internal Medicine

2015 Board certification for Hematology and Oncology

2017 – present Senior physician, Charité - Universitätsmedizin Berlin

2017 – present Principal investigator and Steering committee member, Berlin-Brandenburg Center of Regenerative Therapies

2017 – present W2 BIH Johanna Quandt Professorship for Therapy-induced Remodeling in Immuno-Oncology at the Charité

Research Fields

Cancer treatment-induced modifications of the tumor, immune system and their interaction, Immune reconstitution, Secondary immunodeficiencies, Adoptive cell therapy, Graft versus host disease, Biomarker development, Immune cell imaging in mouse models and human tissues, Refined translation

Important achievements

- Recipient of the MKFZ (Molekulares Krebsforschungszentrum) Award
- Short-listed for the Paul Ehrlich-Ludwig Darmstädter Nachwuchspreis
- Recipient of the Female Independency Award of the Berlin School for Integrative Oncology
- Founding member of the DGHO Working party “Immune defects and Immune dysregulations”
- PI in the “SiM” (der simulierte Mensch) consortium (Charité/TU Berlin)

Publications

Becker, S.C., Szyska, M., Mensen, A., Hellwig, K., Otto, R., Olfe, L., Volk, H.D., Dörner, T., Dörken, B., Scheibenbogen, C., Schröder, J., Hocke, A.C., **Na, I.K.** (2018). A comparative analysis of human bone marrow-resident and peripheral memory B cells. **J Allergy Clin Immunol** 141, 1911-1913.

Szyska, M., Herda, S., Althoff, S., Heimann, A., Russ, J., D'Abundo, D., Dang, T.M., Durieux, I., Dörken, B., Blankenstein, T., **Na, I.K.** (2018). A transgenic dual-luciferase reporter mouse for longitudinal and functional monitoring of T cells in vivo. **Cancer Immunol Res** 6, 110-120. [PubMed](#)

Mensen, A., Jöhrens, K., Anagnostopoulos, I., Demski, S., Oey, M., Stroux, A., Hemmati, P., Westermann, J., Blau, O., Wittenbecher, F., Movassaghi, K., Szyska, M., Thomas, S., Dörken, B., Scheibenbogen, C., Arnold, R., **Na, I.K.** (2014). Bone marrow T-cell infiltration during acute GVHD is associated with delayed B-cell recovery and function after HSCT. **Blood** 124, 963-972. [PubMed](#)

Na, I.K., Markley, J.C., Tsai, J.J., Yim, N.L., Beattie, B.J., Klose, A.D., Holland, A.M., Ghosh, A., Rao, U.K., Stephan, M.T., Serganova, I., Santos, E.B., Brentjens, R.J., Blasberg, R.G., Sadelain, M., van den Brink, M.R. (2010). Concurrent visualization of trafficking, expansion, and activation of T lymphocytes and T-cell precursors in vivo. **Blood** 116, e18-25. [PubMed](#)

Na, I.K., Lu, S.X., Yim, N.L., Goldberg, G.L., Tsai, J., Rao, U., Smith, O.M., King, C.G., Suh, D., Hirschhorn-Cymerman, D., Palomba, L., Penack, O., Holland, A.M., Jenq, R.R., Ghosh, A., Tran, H., Merghoub, T., Liu, C., Sempowski, G.D., Ventevogel, M., Beauchemin, N., van den Brink, M.R. (2010). The cytolytic molecules Fas ligand and TRAIL are required for murine thymic graft-versus-host disease. **J Clin Invest** 120, 343-56. [PubMed](#)