

Publications and Conference proceedings Prof. Jörg Faber and Team 2023

Journal Articles 2023

Status "published":

2023/03/07 Ziegler, N., M. Cortes-Lopez, F. Alt, M. Sprang, A. Ustjanzew, N. Lehmann, K. El Malki, A. Wingerter, A. Russo, O. Beck, S. Attig, L. Roth, J. Konig, C. Paret* and J. Faber* (2023). "Analysis of RBP expression and binding sites identifies PTBP1 as a regulator of CD19 expression in B-ALL." *Oncoimmunology* **12**(1): 2184143.

*C. Paret and J. Faber co-shared senior authorship

2023/03/30 Kuehn, M.[§], L. Wypyrsczyk[§], S. Stoessel, M. A. Neu, L. Ploch, E. Dreismickenbecker, P. Simon and J. Faber (2023). "Physical Activity as a Treatment for Cancer-Related Fatigue in Children, Adolescents and Young Adults: A Systematic Review." *Children (Basel)* **10**(3).

[§]M. Kuehn and L. Wypyrsczyk co-shared first authorship

2023/06/08 El Malki, K.[§], P. Wehling[§], F. Alt, R. Sandhoff, S. Zahnreich, A. Ustjanzew, C. Wilzius, M. A. Brockmann, A. Wingerter, A. Russo, O. Beck, C. Sommer, M. Ottenhausen, K. Frauenknecht, C. Paret* and J. Faber* (2023). "Glucosylceramide Synthase Inhibitors Induce Ceramide Accumulation and Sensitize H3K27 Mutant Diffuse Midline Glioma to Irradiation." *International Journal of Molecular Sciences* **24**(12).

[§]K. El Malki and P. Wehling co-shared first authorship

*C. Paret and J. Faber co-shared senior authorship

2023/07/04 Ernst, M., A. Hinz, E. Brähler, H. Merzenich, J. Faber, P. S. Wild and M. E. Beutel (2023). "Quality of life after pediatric cancer: comparison of long-term childhood cancer survivors' quality of life with a representative general population sample and associations with physical health and risk indicators." *Health and Quality of Life Outcomes*.

2023/09/26 Gobel, S.[§], A. Wingerter[§], J. H. Prochaska, A. Schulz, M. A. Neu, N. Henninger, C. Spix, M. Beutel, K. Lackner, T. Munzel, C. S. Lam, H. Merzenich, J. Faber* and P. S. Wild* (2023).

"Development and Phenotype of Heart Failure in Long-Term Survivors of Childhood Cancer: The CVSS Study." *J Am Heart Assoc* **12**(19): e030020.

[§]S. Goebel and A. Wingerter co-shared first authorship

*J. Faber and P.S. Wild co-shared senior authorship

2023/10/03 von Grundherr, J., S. Elmers, L. Samland, R. Mühlberg, G. Calaminus, J. Faber, J. Gebauer, M. Götte, I. Hilgendorf, M. Koehler, A. Puzik, A. Sander, N. Salzmann, L. Schiffmann, S. Schuster, M. Sokalska-Duhme, E. Vettorazzi, S. Dwinger, J. Salchow, L. Valentini, F. Baumann, C. Bokemeyer, A. Stein and M. Sinn (2023). "Results of the module nutrition in the CARE for CAYA program – a need-based multimodal lifestyle follow-up care program focusing on physical activity, nutritional behavior and psychological processes in children, adolescent and young adult cancer survivors " *Oncology Research and Treatment* **46**.

2023/10/04 Elmers, S., J. von Grundherr, W. Jensen, S. Dwinger, G. Calaminus, S. Schuster, A. Sander, R. Beller, A. Puzik, I. Hilgendorf, J. Gebauer, M. Köhler, J. Faber, N. Salzmann, M. Sokalska-Duhme, A. Kollikowski, L. Valentini, F. Baumann, E. Vettorazzi, M. Sinn, A. Stein, C. Bokemeyer and J. Salchow (2023). "Results of a tailored multimodal lifestyle follow-up care program for children, adolescent

and young adult cancer survivors: The module physical activity from the CARE for CAYA program (CFC-P)." *Oncol Res Treat* **46 Suppl 5**: 255.

2023/12/09 Hauser, F., H. Rossmann, A. Adenauer, A. Shrestha, D. Marandiuc, C. Paret, J. Faber, K. J. Lackner, B. Lammle and O. Beck (2023). "Hereditary Spherocytosis: Can Next-Generation Sequencing of the Five Most Frequently Affected Genes Replace Time-Consuming Functional Investigations?" *Int J Mol Sci* **24**(23).

Status „in submission“:

von Grundherr, J., S. Elmers, B. Koch, L.-A. Hail, J. Mann, G. Escherich, C. Bergelt, L. Samland, E. Vettorazzi, M. Stark, L. Valentini, F. T. Baumann, S. Singer, R. Reer, R. Beller, G. Calaminus, J. Faber, C. F. Classen, J. Gebauer, I. Hilgendorf, M. Köhler, A. Puzik, N. Salzmann, A. Sander, L. Schiffmann, M. Sokalska-Duhme, S. Schuster, A.-K. Kock-Schoppenhauer, C. Bokemeyer, M. Sinn, A. Stein, S. Dwinger and J. Salchow. "Results of a need-based multimodal lifestyle survivorship program focusing on physical activity, nutritional behavior and psychological processes in survivors of cancer in childhood, adolescence and young adulthood. The CARE for CAYA Multicenter, Randomized Clinical Trial." Submitted to *JAMA Network Open*.

Mora, J., G. C. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. K. Bear, A. Rubio San Simon, B. Martinez De Las Heras, K. Tornøe, M. Düring and B. H. Kushner. "Impact of anti-drug antibodies on efficacy and safety of naxitamab in relapsed/refractory high-risk neuroblastoma" Submitted to *Journal of Immunotherapy of Cancer*.

Cytera, C., K. Baust, A. Borgmann-Staudt, G. Calaminus, K. Egger-Heidrich, J. Faber, D. Grabow, T. Halbsguth, A. Kock-Schoppenhauer, I. R. König, S. Michaelis, A. Neumann, A. Puzik, S. Schuster, M. Sinn, M. Sleimann, T. Langer and J. Gebauer. "Evaluation and implementation of multidisciplinary, standardized, guideline-based long-term follow-up care for adult survivors of childhood cancer in Germany – A prospective, multi-centric, nationwide study: the LE-Na study protocol." Submitted to *JMIR Research Protocols*.

Mora, J., G. C. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. K. Bear, A. Rubio San Simon, B. Martinez De Las Heras, K. Tornøe, M. Düring and B. H. Kushner. "Naxitamab plus GM-CSF for refractory/relapsed high-risk neuroblastoma: Interim results from an open-label, phase 2 clinical trial." Submitted to *Nature Communications*.

Wilke, D., N. Paul, M. Neu and J. Faber. "Sources of vulnerability and ethical issues in qualitative research with childhood cancer patients." Submitted to *Childhood*.

Conference Proceedings 2023

2023/03/21 Paret, C., L. Seidmann, M. Oliver-Metzig, F. Ortmüller, K. Frauenknecht, R. Sandhoff, S. Ersali, B. Fliss, O. Akilli-Oeztuerk, S. Zimmer, K. El Malki, A. Wingerter, A. Russo, W. Roth and J. Faber (2023). Membrane proteins and lipids as targets for immunotherapy in pediatric cancer. HI-TRON Symposium, Mainz, Germany.

2023/05/03-05 Paret, C., N. Ziegler, F. Alt, A. Ustjanzew, M. Cortes-Lopez, M. Kermani, J. König and J. Faber (2023). A network of RNA binding proteins controls the expression of the CAR-T cells targets CD19 and CD20 in B-ALL. CIMT, Mainz, Germany.

2023/05/10-13 Kushner, B. H., G. C. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. K. Bear, A. Rubio San Simon, B. Martinez De Las Heras, K. Tornøe, P. S. Sørensen and J. Mora (2023). Reduction in Bone Metastases and Curie Score in Patients treated with Naxitamab in Trial 201. ASPHO Conference 2023, Fort Worth, Texas, USA.

2023/05/15-18 Kushner, B. H., G. C. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. K. Bear, A. Rubio San Sinom, B. Martinez De Las Heras, M. Düring, K. Tornøe and J. Mora (2023). Effect of Prior Anti-GD2 Immunotherapy on Efficacy and Safety for Patients Treated with Naxitamab in Trial 201. ANR 2023, Amsterdam, Netherlands.

2023/06/02-06 Mora, J., G. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. Bear, A. Rubio San Simon, K. Tornoe, M. Düring and B. H. Kushner (2023). Reduction in Curie Score in Neuroblastoma Patients Treated with Naxitamab. ASCO 2023, Chicago, USA.

2023/06/02-06 Elmers, S., J. von Grundherr, G. Calaminus, J. Faber, J. Gebauer, M. Götte, I. Hilgendorf, M. Koehler, A. Puzik, A. Sander, N. Salzmann, L. Schiffmann, S. Schuster, M. Sokalska-Duhme, A. Stein, S. Dwinger, E. Vettorazzi, J. Salchow, C. Bokemeyer and M. Sinn (2023). Results of a tailored multimodal lifestyle follow-up care program focusing on physical activity, nutritional behavior and psychological processes in adolescent and young adult cancer survivors. ASCO 2023, Chicago, USA.

2023/07/04-07 Dreismickenbecker, E., S. Stössel, M. A. Neu, L. Ploch, N. Paul, C. Ruckes, A. Balduzzi, F. Lanfranconi, P. Wright, S. Windsor, J. Wiskemann, I. El-Rajab, V. Picmanova, C. Gravot, R. Mongondry, W. Bloch, K. Rizvi, M. K. Fridh, A. Lucia, C. Fiuza-Luces, G. Götte, F. Spreafico, B. Konda, L. Kitanovski, L. Werthmann, T. Baader, J. Faber and o. b. o. t. F. Consortium (2023). Get Strong to Fight Childhood Cancer: An Exercise Intervention for Children and Adolescents Undergoing Anti-Cancer Treatment (FORTEe). ECSS Paris 2023. Paris, France.

2023/07/18-19 Paret, C., S. Sathyamurthy, S. Ersali, A. Ustjanzew, N. Salarimoghadam, C. Wilzius, K. El Malki, A. Russo, A. Wingerter, K. Frauenknecht, R. Sandhoff and J. Faber (2023). Glycosphingolipids profiling of paediatric central nervous system tumours: consequences for therapy and classification. Heidelberg Conference on Cancer Neuroscience, Heidelberg, Germany.

2023/09/20 Solera-Sanchez, A., H. Marriott, S. Windsor, P. Wright, M. A. Neu, E. Dreismickenbecker, S. Stössel, L. Ploch, N. Paul, C. Ruckes, F. Lanfranconi, A. Balduzzi, J. Wiskemann, I. El-Rajab, V. Picmanova, C. Gravot, R. Mongondry, W. Bloch, K. Rizvi, M. K. Fridh, A. Lucia, C. Fiuza-Luces, M. Götte, F. Spreafico, B. Konda, L. Kitanovski, M. Sowa-Israel, T. Baader, J. Faber and o. b. o. t. F. Consortium (2023). Delivering exercise in paediatric oncology: A novel/future/potential rehabilitation pathway for personalised care (FORTEe project). Cancer Rehabilitation Study Day 2023. Virtual Meeting.

2023/09/20-22 Tetzner, K., I. Menrath, H. Schmidt, L. Hohls, K. Baust, A. Borgmann-Staudt, G. Cario, C. Denzer, G. Escherich, J. Faber, D. Falke, M. Frühwald, J. Gebauer, N. Griech, R. Hammerich, D. Horenkamp-Sonntag, J. Ingenerf, A. Katalinic, I. R. König, T. Lehrnbecher, M. Metzler, M. Schündeln, T. Langer and G. Calaminus (2023). Presentation AELKI-Project. 29th PanCare Meeting 2023, Ghent, Belgium.

2023/09/20-22 Cytera, C., K. Baust, A. Borgmann-Staudt, G. Calaminus, K. Egger-Heidrich, J. Faber, D. Grabow, T. Halbsguth, A. Kock-Schopenhauer, I. König, S. Michaelis, A. Neumann, A. Puzik, S. Schuster, M. Sinn, M. Sleimann, T. Langer and J. Gebauer (2023). Evaluation and implementation of multidisciplinary and standardized long-term follow-up care for adult survivors of childhood cancer in Germany – A prospective, multi-centric, nationwide study (LE-Na). 29th PanCare Meeting 2023, Ghent, Belgium.

2023/09/20-22 Lanfranconi, F., E. Dreismickenbecker, M. A. Neu, S. Stoessel, L. Ploch, N. W. Paul, C. Ruckes, A. Balduzzi, P. Wright, S. Windsor, J. Wiskemann, I. El-Rajab, V. Picmanova, B. Heisserer, R. Mongondry, W. Bloch, K. Rizvi, M. K. Fridh, A. Lucia, C. Fiuza-Luces, M. Götte, F. Spreafico, B. Konda, M. Stefanovic, M. Sowa-Israel, T. Baader, J. Faber and o. b. o. t. F. Consortium (2023). Get Strong to Fight Childhood Cancer: An Exercise Intervention for Children and Adolescents Undergoing Anti-Cancer Treatment (FORTEe). 29th PanCare Meeting 2023. Ghent, Belgium.

2023/10/11-14 Wilke, D., N. W. Paul, E. Dreismickenbecker, M. Neu and J. Faber (2023). A qualitative Analysis of childhood cancer patients' experiences of a structured exercise program. SIOP 2023 55th Congress of the International Society of Paediatric Oncology, Ottawa, Canada.

2023/10/11-14 Paret, C., S. Ersali, A. Russo, A. Wingerter, K. El Malki, K. Frauenknecht, R. Sandhoff and J. Faber (2023). EXPLOITING GLYCOPHINGOLIPIDS FOR THE CLASSIFICATION AND TREATMENT OF PAEDIATRIC TUMOURS OF THE PERIPHERAL AND CENTRAL NERVOUS SYSTEM. SIOP 2023 55th Congress of the International Society of Paediatric Oncology, Ottawa, Canada.

2023/10/11-14 Mora, J., G. C. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. Bear, A. Rubio San Simon, K. Tornøe, M. Düring and B. H. Kushner (2023). EFFICACY OF NAXITAMAB IN REFRACTORY HIGH-RISK NEUROBLASTOMA. SIOP 2023 55th Congress of the International Society of Paediatric Oncology, Ottawa, Canada.

2023/10/11-14 Mora, J., G. C. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. Bear, A. Rubio San Simon, K. Tornøe, M. Düring and B. H. Kushner (2023). NAXITAMAB EFFICACY AND SAFETY IN PATIENTS TREATED WITH AND WITHOUT STEROID PREMEDICATION. SIOP 2023 55th Congress of the International Society of Paediatric Oncology, Ottawa, Canada.

2023/10/11-14 Mora, J., G. C. Chan, D. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. Bear, A. Rubio San Simon, B. Kushner, K. Tornøe and R. Christensen (2023). EFFICACY AND SAFETY OF NAXITAMAB IN PATIENT SUBGROUPS WITH HIGH-RISK NEUROBLASTOMA. SIOP 2023 55th Congress of the International Society of Paediatric Oncology, Ottawa, Canada.

2023/10/11-14 Mora, J., G. C. Chan, D. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. Bear, A. Rubio San Simon, B. Kushner, K. Tornøe and R. Christensen (2023). Characterization of onset and resolution of adverse events in patients treated with Naxitamab in Trial 201. SIOP 2023 55th Congress of the International Society of Paediatric Oncology.

2023/10/11-14 Dreismickenbecker, E., M. A. Neu, M. Kühn, L. Wypyrsczyk and J. Faber (2023). ANALYSING DATA FROM CHILDHOOD CANCER CLINICAL TRIALS - A DIGITAL APPROACH. SIOP 2023 55th Congress of the International Society of Paediatric Oncology, Ottawa, Canada.

2023/10/13-16 von Grundherr, J., S. Elmers, L. Samland, R. Mühlberg, G. Calaminus, J. Faber, J. Gebauer, M. Götte, I. Hilgendorf, M. Koehler, A. Puzik, A. Sander, N. Salzmann, L. Schiffmann, S. Schuster, M. Sokalska-Duhme, E. Vettorazzi, S. Dwinger, J. Salchow, L. Valentini, F. Baumann, C. Bokemeyer, A. Stein and M. Sinn (2023). Ergebnisse des Ernährungsmoduls im CARE for CAYA-Programm – einem bedarfsorientierten multimodalen Lifestyle-Nachsorgeprogramm mit Schwerpunkt auf körperlicher Aktivität, Ernährungsverhalten und psychologischen Prozessen für Kinder, Jugendliche und junge Erwachsene nach einer Krebserkrankung. DGHO 2023, Hamburg, Germany.

2023/10/13-16 Elmers, S., J. von Grundherr, W. Jensen, S. Dwinger, G. Calaminus, S. Schuster, A. Sander, R. Beller, A. Puzik, I. Hilgendorf, J. Gebauer, M. Köhler, J. Faber, N. Salzmann, M. Sokalska-Duhme, A. Kollikowski, L. Valentini, F. Baumann, E. Vettorazzi, M. Sinn, A. Stein, C. Bokemeyer and J. Salchow (2023). Ergebnisse eines angepassten multimodalen Nachsorgeprogramms für Kinder, Jugendliche und junge Erwachsene nach überstandener Krebserkrankung - Das Modul Körperliche Aktivität des CARE for CAYA-Programms (CFC-P). DGHO 2023, Hamburg, Germany.

2023/11/02-03 Wypyrsczyk, L., M. Kuehn, E. Dreismickenbecker, M. A. Neu, F. Ortmüller and J. Faber (2023). Kolibri: Eine explorative Langzeitstudie zu Bewegung und deren Einfluss auf die körperliche Leistungsfähigkeit sowie psychosoziale Aspekte bei Kindern und Jugendlichen mit Krebs während und nach Therapie. 6. NAOK-Konferenz, Erfurt, Germany.

2023/11/02-03 Dreismickenbecker, E., F. Lanfranconi, M. A. Neu, S. Stössel, M. Kuehn, L. Wypyrsczyk, N. W. Paul, C. Ruckes, A. Balduzzi, P. Wright, S. Windsor, J. Wiskemann, N. Karguth, B. Heisserer, R. Mongondry, W. Bloch, K. Rizvi, M. K. Fridh, A. Lucia, C. Fiuza-Luces, G. Götte, F. Spreafico, B. Konda, M. Stefanovic, M. Sowa-Israel, T. Baader and J. Faber (2023). Get Strong to Fight Childhood Cancer: An Exercise Intervention for Children and Adolescents Undergoing Anti-Cancer Treatment (FORTEe). 6. NAOK-Konferenz. Erfurt, Germany.

2023/11/10-11 Escherich, G., R. Hauch, K. Mezger, H. Muhle, L. Behrmann, N. Jorch, A. Pekrun, T. Imschweiler, D. Dillo, J. Faber and M. Horstmann (2023). ALLTogether1-Study: update on recruitment start and first lessons learned. GPOH-Tagung, Frankfurt, Germany.

2023/12/04-05 Paret, C., S. Sathiyamurthy, S. Ersali, K. El Malki, A. Russo, A. Wingerter, K. Frauenknecht, R. Sandhoff and J. Faber (2023). Glycosphingolipids-based stratification of paediatric brain tumours prioritizes group 4 Medulloblastoma and PFA ependymoma for anti-GD2 based immunotherapy. 4th Immuno-Oncology World Congress, Frankfurt, Germany.

2023/12/06-08 Kushner, B. H., J. Mora, G. C. Chan, D. A. Morgenstern, L. Amoroso, K. Nysom, J. Faber, A. Wingerter, M. K. Bear, A. Rubio San Simon, K. Tornøe and M. Düring (2023). Naxitamab efficacy in patients with refractory/relapsed high-risk neuroblastoma and bone metastases as assessed by Curie score. ESMO Immuno-Oncology Congress, Geneva, Switzerland.