



4th Vienna Pediatric Brain Tumor Symposium

Interdisciplinary symposium of the Brain Tumor Center for Children and Adolescents for clinicians, researchers, patients, patient advocates and caregivers.

Scientific Symposium 16th – 17th April 2026

Patient Symposium 17th – 18th April 2026

Hörsaalzentrum, Level 8, Lecture hall 2
Medical University of Vienna, University Hospital Vienna
Währinger Gürtel 18-20, 1090 Vienna

[kinder-jugendheilkunde.meduniwien.ac.at/
brain-tumor-symposium-e](https://kinder-jugendheilkunde.meduniwien.ac.at/brain-tumor-symposium-e)



MEDICAL UNIVERSITY
OF VIENNA



Vienna Healthcare Group
University Hospital Vienna

Dear experts on pediatric brain tumors!

Pediatric brain tumors remain a central challenge for the treating interdisciplinary teams.

Nevertheless, the treatment has evolved substantially and we face new developments in many areas of patient care.

In our meeting which takes place under the auspices of the Medical University of Vienna and the University Hospital Vienna we will discuss new findings and approaches with internationally well-known experts.

Our aim is to share our experiences in precision medicine, novel therapies and management of brain tumor survivors in order to broaden our knowledge and to inspire new forms of cooperation.

Johannes Gojo
Christine Haberler
Kerstin Krottendorfer
Ulrike Leiss
Daniela Lötsch-Gojo
Verena Rosenmayr
Marie-Therese Gubi

Scientific Symposium

Thursday, 16th April 2026

9.00 am
Registration

10.00 – 10.15 am
Welcome
Johannes Gojo

Official Opening
Eva-Maria Holzleitner, Federal Ministry
Women, Science and Research
Markus Müller, Rector of the Medical
University of Vienna

Session 1 **Intratumoral heterogeneity** **and therapy resistance**

Chairs: Chris Jones, Christine Haberler

10.15 – 10.55 am
Cell state and drug response/resistance
in DMG
Chris Jones

10.55 am – 12.15 pm
Abstract Session 1

Targeting tumor heterogeneity in
pediatric high-grade gliomas – A project
introduction
Laura Marosits

Mapping the tumor microenvironment
of pediatric diffuse midline glioma:
A spatial proteomic atlas with AI-Based
application
Sandra Laternser

Spatial profiling of the tumor microen-
vironment in pediatric diffuse midline
glioma using imaging mass cytometry
Pascal Klöckner

Single-cell characterization of BRAF-
V600E pediatric glioma evolution under
targeted therapy
Álvaro Martínez-Rubio

EZHIP orchestrates tissue reorganiza-
tion and lineage differentiation in PFA
ependymoma
Carola N. Jaunecker

Integrated molecular and translational
characterization of a pediatric
CNS ZNF532 NUTM1 tumor
Hannah Schned

CNS tumors with BCOR/L1-alterations
represent a single entity with distinct
molecular and histologic subtypes
Katharina Bruckner

Uncovering the genetic, epigenetic and
transcriptomic landscapes of fusion-
driven astroblastoma
Oliver L. Eichmüller

12.15 – 1.15 pm
Light Lunch

Session 2 **Innovative models for** **precision oncology**

Chairs: Laura Broutier,
Daniela Lötsch-Gojo

1.15 – 1.55 pm
Predictive models in pediatric
oncology. Integrating cell state
dynamics and organoid systems to
rationalize therapeutic combinations
Laura Broutier

1.55 – 3.10 pm
Abstract Session 2

Disrupting DNA damage response to
overcome therapeutic resistance in PFA
ependymoma
Leah Mager

Combining radiation with high-through-
put drug screening to identify synergistic
treatments for ATRT
Lea Scholze

MAP4K4 inhibition by famlasertib
suppresses medulloblastoma invasion
through cytoskeletal remodeling without
developmental toxicity
Marc Thomas Schönholzer

The PARP inhibitor pamiparib effectively
radiosensitizes medulloblastoma while
sparing healthy brain tissue
Nele Köppen

NTRK3 defines a novel therapeutic
vulnerability in sonic hedgehog
medulloblastoma
Lisa Gabler-Pamer

Trajectory-aware functional drug
screening bridges preclinical and
clinical response metrics in diffuse
midline glioma
Ana Castro Marquez

Glioma circuit integration promotes
epileptogenic network dysfunction in
human cerebral organoids
Oguzhan Kaya

3.10 – 3.40 pm
Coffee Break

Session 3 Novel biomarkers for diagnosis and disease monitoring

Chairs: Johannes Gojo, Eleni Tomazou

3.40 – 4.20 pm

Transformation of patient management through liquid biopsy

Johannes Gojo, Eleni Tomazou, Marie Bernkopf

4.20 – 5.30 pm

Abstract Session 3

Detection of asymptomatic malignant lesions by [18F]FDG PET/MRI in children and adolescents with neurofibromatosis type 1

Alicia Baumgartner

Evaluation of PET RANO 1.0 in pediatric brain tumors. Toward biomarker-guided treatment strategies

Cora S. Hedrich

Multicentre deep learning segmentation of paediatric brain tumours across heterogeneous MRI protocols. validation of nnU-Net for robust volumetric assessment

Arianna Piffer

The utilization of single cell RNA sequencing of peripheral blood mononuclear cells in diagnostics and monitoring of pediatric brain tumors

Amanda Holmström

Circulating miRNA profiles enable minimally-invasive diagnosis and risk stratification of pediatric CNS tumors

Marius Polay

LIP-CNS 1.0. Current evidence and future perspectives. A SIOPE BTG consensus on CSF liquid biopsies in paediatric brain tumours

Natalia Stepien

Diagnostic impact of DNA methylation classification in pediatric and adult CNS tumors in Slovakia

Estera Bubláková

5.30 – 5.45 pm

Closing remarks of the day

7.00 pm

Joint Social Event

contribution of Euro 25,-
10er Marie, Ottakringerstraße 222-224,
1160 Vienna

Friday, 17th April 2026

8.00 am

Registration

9.00 – 9.05 am

Welcome Day 2

Session 4 Comorbidities and therapeutic management

Chairs: Carsten Friedrich, Kerstin Krottendorfer

9.05 – 9.45 am

Novel concepts for treatment of cranio-pharyngioma and related comorbidities

Carsten Friedrich

9.45 – 10.45 am

Abstract Session 4

Pubertal development and hormonal modulation in pediatric low-grade gliomas. A retrospective cohort study

Federica D'Antonio

Creating space for the future. Are we protecting fertility and quality of life in young people treated for high-grade glioma?

Amber J. Johnston

Tumor progression and development of multiple cutaneous melanocytic lesions during tovorafenib therapy in a patient with low-grade hypothalamic astrocytoma harboring KIAA1549–BRAF fusion and SOX2 amplification.

Maxim Yankelevich

Neuro-ophthalmological disturbances in pediatric posterior fossa tumors. Prevalence, risk factors, and outcomes

Maria Aliotti Lippolis

A novel observation of parahippocampal white matter hyperintensities in medulloblastoma survivors – Associations with cognitive decline after treatment

Oskar Saijonma

Implementation of european transition guidelines for pediatric and AYA cancer survivors. Establishing a structured transition process at the Medical University of Vienna within the YARN project

Marie-Therese Gubi

10.45 – 11.05 am

Coffee Break

Session 5 **Shaping molecular guided therapy for pediatric brain tumors**

Chairs: Stefan Rutkowski, Lisa Mayr

11.05 – 11.45 am

Stratification and risk-adapted therapy concepts in medulloblastoma

Stefan Rutkowski

11.45 am – 12.20 pm

Round table

Precision oncology for pediatric brain tumors – Lessons learned and future perspectives

Moderation: Johannes Gojo

Christine Haberler, Stefan Rutkowski,
Chris Jones, Marie-Therese Gubi

12.20 – 1.20 pm

Light lunch

Session 6 **Psychosocial models and interventions**

Chairs: Marita Partanen, Ulrike Leiss

1.20 – 2.00 pm

Cognitive problems in pediatric brain tumors: Preventing where possible, treating when needed

Marita Partanen

2.00 – 2.50 pm

Abstract Session 6

The gap between need and reality in neuropsychological care

Ulrike Leiss

Development and pilot testing of a parent-reported instrument to support decision-making in pediatric brain tumor care

Hacer Bolgan

Your Smile Musikwerkstatt: Inclusive education through music making in a hospital school

Susanne Mauss, Beate Hennenberg

Wish-Granting interventions promote positive emotions in both the short and long term in children with critical illnesses and their families

Hannah Roberts

The social dimension in pediatric neuro-oncology – A model for clinical care und further research

Kerstin Krottendorfer

2.50 pm

Best Abstract Award

Closing remarks and outlook on joint sessions and patient day

3.00 – 3.30 pm

Coffee Break



This event will be approved by the Austrian Medical Chamber with 14 DFP-Points.

Patient:innen Tagung

Freitag, 17. April 2026

15:00 Uhr

Registrierung

Musikalischer Beitrag,
Sofia Lichtenwörther

15:30 – 15:45 Uhr

Willkommen und Begrüßung

Moderation: Eva Pözl
Johannes Gojo, Florian Schwarz

Tagungseröffnung

Stadtrat Peter Hacker, Angelika Berger

15:45 – 16:15 Uhr

Session 1

**Einführung in die Spätfolgen nach
Hirntumor-Erkrankungen**
Stefan Rutkowski

16:15 – 16:45 Uhr

Session 2

European Youth Cancer Network
Ulrike Leiss, Anna Zettl

16:45 – 17:45 Uhr

Podiumsdiskussion Survivorship

Moderation: Eva Pözl

Ulrike Leiss, Stefan Rutkowski,
Hannah Gsell, Sybille Zettl,
Johannes Gojo,
Ruth Ladenstein

17.45 – 18.00 Uhr

Abschließende Worte

Musikalischer Beitrag,
Sofia Lichtenwörther

18:00 – 19:45 Uhr

Get-together

Hörsaalzentrum der MedUni Wien im
AKH Wien

Samstag, 18. April 2026

9:00 Uhr

Registrierung

9:30 – 9:40 Uhr

Begrüßung

Verena Rosenmayr, Kerstin Krottendorfer

9:40 – 10:50 Uhr

Session 3

Überblick über die Nachsorge

Chair: Andreas Peyrl, Sabine Breyer

Interdisziplinäre Nachsorge in der pädiatrischen Neuroonkologie

Kerstin Krottendorfer, Andreas Peyrl

Geheilt aber nicht gesund: Was kommt nach der Erkrankung aus der Perspektive eines patient experts

Marie-Therese Gubi

Nachsorge in der IONA im Erwachsenenalter

Alexandra Donschachner

10:50 – 11:20 Uhr

Kaffeepause

11:20 – 12:30 Uhr

Session 4

Einzelne Spätfolgen im Spotlight

Chair: Johannes Gojo, René Mülle

Medikation beim hypothalamischen Syndrom

Carsten Friedrich

Fertilität und Kinderwunsch

Daniel Mayrhofer

Epileptische Anfälle als Spätfolge von Hirntumoren

Florian Mayer

Kardiologische Spätfolgen in der pädiatrischen Onkologie –

Was Betroffene wissen sollten

Oliver L. Eichmüller

Wenn die Energie fehlt – Fatigue als Folge onkologischer Therapien im Kindes- und Jugendalter

Verena Rosenmayr

Von Erschöpfung zu Energie: Bewegungs- therapie im Krebsalltag von Kindern, Jugendlichen und jungen Erwachsene

Irmgard Presser, Julian Dorfinger

Was das Auge nicht sieht – mehr als Überleben nach päd. Hirntumoren – Neuropsychologische Spätfolgen bei Kindern und Jugendlichen

Dóra Takács

12:30 – 13:30 Uhr
Mittagspause

13:30 – 15:00 Uhr
**Session 5:
Nachsorgeangebote und
Interventionen**

Chair: Ulrike Leiss, Claas Röhl

**PanCare PLAIN Zusammenfassungen –
Informationen zu Spätfolgen für
Survivors und Familien**

Tessa Fuchs

Jugend und Zukunft

Thomas Holzmann, Joachim Doujak

**Angebote zur Unterstützung und zum
Empowerment von Betroffenen und
Angehörigen mit NF**

Claas Röhl

**Tragen und getragen werden.
Tiergestützte Therapie für Kinder,
Jugendliche und Familien mit schweren
Erkrankungen am Lichtblickhof**

Dorothea Haas

**Wenn Wünsche wirken: Wie positive
Erlebnisse Psyche und Immunsystem
schwerkranker Kinder unterstützen
können**

Jochen A. Werner

**Wer wir sind? Survivors Österreich stellt
sich vor**

Anna Zettl

**Anwendung ausgleichender Maßnahmen
im Schulsetting**

Fee Schneider, Karoline Wekerle

**Sonneninsel Seekirchen – psychosoziale
Nachsorge für krebs- und schwer
chronisch kranke Kinder und ihre Familien**

Elisabeth Uttenthaler

**Rehabilitationsversorgungskonzepte für
Kinder und Jugendliche am Leuwaldhof**

Christofer Diakos

**Neurologische und psychosoziale
Nachsorge durch Reha**

Jutta Falger

15:00 – 15:30 Uhr
Kaffeepause

15:30 – 16:45 Uhr
Workshops in Kleingruppen

Workshop I

**Brücken bauen statt Brüche riskieren:
Transition von der Kinderklinik in die
erwachsenenorientierte Gesundheits-
versorgung erfolgreich gestalten**

Kerstin Krottendorfer, Marie-Therese Gubi

Workshop II

**PanCare PLAIN Zusammenfassungen –
Umsetzung in der Nachsorge für eine
bessere Berücksichtigung der Be-
dürfnisse von Survivors und Angehörige**

Tessa Fuchs, Oliver L. Eichmüller

Workshop III

**Das Gehirn verstehen:
Neuropsychologische Folgen und ihre
Bedeutung im Alltag**

Verena Rosenmayr, Dóra Takács

Workshop IV

**Baue deine Traumklinik – Wünsche und
Visionen für den Bau der neuen Kinder-
klinik**

Ulrike Leiss, Anna Zettl

16:45 – 17:15 Uhr
Abschluss und Rückblick der Tagung

17:15 Uhr
Ende der Tagung

**Während des gesamten Tages wird ein
Kinderprogramm angeboten. Dieses
umfasst kreative, musikalische und
spielerische Angebote.**

9:00 – 12:30 Uhr
Parallel zur Sessions

Entdecke deinen Tumor

Christine Haberler, Valerie Quinot,
Anika Simonovska
mit psychosozialer Begleitung
Stephanie-Dominique Karigl,
Nina Fasan
Anmeldung bereits abgeschlossen

15:30 – 16:45 Uhr
Parallel zu den Workshops
Kinderuni, Johannes Gojo
mit psychosozialer Begleitung
Nina Fasan, Romana Schermann

Diese Veranstaltung ist vom Berufsverband
Österr. Psycholog:innen (BÖP) als Fort-
und Weiterbildungsveranstaltung mit
mind. 9 Einheiten anerkannt.

International Speakers

Laura Broutier, Childhood cancer & cell state team, Cancer Research Center of Lyon, France

Carsten Friedrich, Department Pediatrics and Youth Medicine, University Children's Hospital Oldenburg, Germany

Chris Jones, Division of Cancer Biology and the Paediatric Glioma Research Group, The Institute of Cancer Research London, UK

Marita Partanen, Partanen Group, Princess Maxima Center for Pediatric Oncology, Netherlands

Stefan Rutkowski, Department of Pediatric Hematology and Oncology at University Medical Center Hamburg-Eppendorf, Germany

Faculty

Manuela Andreschitz, Ronald Mc Donald Kinderhilfe, Austria

Federica D'Antonio, Department of Experimental Medicine, Faculty of Medicine and Dentistry, Sapienza University of Rome, Italy

Alicia Baumgartner*

Marie Bernkopf, St. Anna Children's Cancer Research Institute, Austria

Angelika Berger, Department of Pediatrics and Adolescent Medicine, Division of Neonatology, Intensive Care Medicine and Neuropediatrics, MedUni Vienna/ University Hospital Vienna, Austria

Sabine Breyer*

Katharina Bruckner*

Hacer Bolgan, Department of Medical Psychology, University Medical Center Hamburg-Eppendorf, Germany

Estera Bubláková, Department of Pediatric Hematology and Oncology, National Institute of Children's Diseases, Faculty of Medicine Comenius University, Bratislava, Slovakia

Christofer Diakos, Leuwaldhof/ Rehabilitation St. Veit im Pongau, Austria

Alexandra Donschachner, Österreichische Gesundheitskasse, IONA, Austria

Julian Dorfinger*

Joachim Doujak, Die Berater, Austria

Oliver L. Eichmüller*

Jutta Falger, kokon - Reha für junge Menschen, Austria

Nina Fasan*

Tessa Fuchs, PanCare, Austria

Lisa Gabler-Pamer, Department of Neurosurgery, MedUni Vienna/University Hospital Vienna, Austria

Hannah Gsell, Survivors Austria, Childhood Cancer International Europe

Marie-Therese Gubi*

Dorothea Haas, e.motion – Lichtblickhof Kinderhospiz, Austria

Cora S. Hedrich*

Amanda Holmström, Pediatric Research Center, Children's Hospital, Helsinki University Hospital and University of Helsinki, Helsinki, Finland

Thomas Holzmann, Die Berater

Carola N. Jaunecker, Center of Cancer Research, Medical University of Vienna, Austria

Amber J. Johnston, Teenage and Young Adult Cancer Unit, The Christie Hospital, Manchester, USA

Stephanie-Dominique Karigl*

Oguzhan Kaya, Institute of Molecular Biotechnology (IMBA), Austrian Academy of Sciences, Vienna Biocenter (VBC), Austria

Pascal Klöckner, Department of Radiation Oncology, Inselspital, Bern University Hospital and University of Bern, Switzerland

Soraya Khitab, Österreichische Kinderkrebshilfe, Austria

Stefan Kremser, Die Berater, Austria

Nele Köppen, Department of Radiotherapy & Radiation Oncology, Hubertus Wald Tumorzentrum-University Cancer Centre Hamburg (UCCH), University Medical Centre Hamburg-Eppendorf, Germany

Ruth Ladenstein, St. Anna Children's Cancer Research Institute, Austria

Sandra Laternser, Division of Oncology and Children's Research Center, University Children's Hospital, Zurich, Switzerland

Maria Aliotti Lippolis*

Leah Mager, Department of Pediatrics and Adolescent Medicine, MedUni Vienna/ University Hospital Vienna, Austria

Lisa Mayr*

Álvaro Martínez-Rubio, Institut Curie, PSL University, Paris, France

Laura Marosits, Department of Neurosurgery, MedUni Vienna/ University Hospital Vienna, Austria

Ana Castro Marquez, Center for AI in Radiation Oncology, Department of Radiation Oncology, Inselspital and University of Bern, Switzerland

Susanne Mauss, Heilstättenschule Wien/ Hospital School Vienna, Austria

Florian Mayer*

Daniel Mayrhofer, Department of Obstetrics and Gynecology, MedUni Vienna/University Hospital Vienna, Austria

René Mülle, Kinderkrebshilfe Wien, Niederösterreich, Burgenland, Austria

Arianna Piffer, Division of Oncology and Children's Research Center, University Children's Hospital Zurich, Switzerland

Andreas Peyrl*

Irmgard Presser*

Marius Polay*

Hannah Roberts, Make-A-Wish Foundation International, The Netherlands

Claas Röhl, NF-Kinder, EUPATI Austria,
Die Allianz onkologischer PatientInnen
Organisationen

Oskar Saijonma, Children and
adolescents, Helsinki University Hospital
and University of Helsinki, Finland

Romana Schermann*

Hannah Schned*

Fee Schneider, Heilstättenschule Wien/
Hospital School Vienna, Austria

Lea Scholze*

Marc Thomas Schönholzer, Pediatric
Molecular Neuro-Oncology Research,
Children's Research Center, University
Children's Hospital Zürich, Switzerland

Florian Schwarz, Österreichische
Kinderkrebshilfe

Natalia Stepien*

Dóra Takács*

Eleni Tomazou, St. Anna Children's Cancer
Research Institute, Austria

Elisabeth Uttenthaler, Die Sonneninsel

Maxim Yankelevich, Medical University of
South Carolina, Charleston, SC, USA; St.
Christopher's Hospital for Children,
Philadelphia, PA, USA

Karoline Wekerle, Heilstättenschule Wien/
Hospital School Vienna, Austria

Jochen Werner, Make-a-wish Österreich

Anna Zettl*, Survivors Austria

Sybille Zettl, Kinderkrebshilfe Wien,
Niederösterreich, Burgenland

Scientific Committee

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The latest information will be available here.

Die aktuellsten Informationen finden Sie hier.



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