

## Wissenschaftliche Referate 2021:

- Oberndorfer S: ICI in Neurooncology. EAN 2021
- Oberndorfer S: Brain –Tumor networks: Best of Neurology, Vienna 2021
- Oberndorfer S: CNS Toxicity of anti-cancer treatment, Mexico 2021

## Wissenschaftliche Publikationen: 2021:

- Oberndorfer S. Spezifische Aspekte der Neuropalliation bei Patienten mit malignen Gliomen im Vergleich zu Patienten mit zerebralen Metastasen. *Psychopraxis-Neuropraxis* 2021;1:43-47.
- Grisold, W. Wolfgang Grisold, Riccardo Soffietti, Stefan Oberndorfer, Guido Cavaletti (eds): Effects of cancer treatment on the nervous system. *Neurol Sci* 42, 2153 (2021).  
<https://doi.org/10.1007/s10072-021-05159-5>
- Oberndorfer S. Brief update on Cancer and Neurotoxicity. *World Neurology*, April/May. 2021:10
- Stadlbauer A, Oberndorfer S, Heinz G, Zimmermann M, Kinfe TM, Doerfler A, Buchfelder M, Kremenevski N, Marhold F Hypoxia and Microvascular Alterations Are Early Predictors of IDH-Mutated Anaplastic Glioma Recurrence. *Cancers (Basel)*. 2021 Apr 9;13(8):1797. doi: 10.3390/cancers13081797.
- Tinchon A, Marhold F, Calabek-Wohinz B, Hainz K, Tesar-Pelz M, Minear G, Freydl E, Blauensteiner K, Heinz G, Oberndorfer S. Multimodal assessment of disease activity in glioblastoma : A single center experience. *Wien Klin Wochenschr*. 2021 Apr 20. doi: 10.1007/s00508-021-01859-2. Online ahead of print.PMID: 33877437
- Stadlbauer A, Marhold F, Oberndorfer S, Heinz G, Zimmermann M, Buchfelder M, Heynold E, Kinfe TM. Metabolic Tumor Microenvironment Characterization of Contrast Enhancing Brain Tumors Using Physiologic MRI. *Metabolites*. 2021 Sep 29;11(10):668. doi: 10.3390/metabo11100668
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- Scheichel F, Marhold F, Pinggera D, Kiesel B, Rossmann T, Popadic B, Woehrer A, Weber M, Kitzwoegerer M, Geissler K, Dopita A, Oberndorfer S, Pfisterer W, Freyschlag CF, Widhalm G, Ungersboeck K, Roessler K Influence of preoperative corticosteroid treatment on rate of diagnostic surgeries in primary central nervous system lymphoma: a multicenter retrospective study. *BMC Cancer*. 2021 Jun 29;21(1):754. doi: 10.1186/s12885-021-08515-y.PMID: 34187419
- Stadlbauer A, Heinz G, Oberndorfer S, Zimmermann M, Kinfe TM, Buchfelder M, Dörfler A, Kremenevski N, Marhold F. Physiological MRI of microvascular architecture, neovascularization activity, and oxygen metabolism facilitate early recurrence detection in patients with IDH-mutant WHO grade 3 glioma. *Neuroradiology*. 2021 Jun 11. doi: 10.1007/s00234-021-02740-9. Online ahead of print.PMID: 3411514
- Seifert-Held T, Eberhard K, Lechner C, Macher S, Hegen H, Moser T, Jacob GB, Puttinger G, Topakian R, Guger M, Kacar E, Zoche L, De Simoni D, Seiser A, Oberndorfer S, Baumgartner C, Struhal W, Zimprich F, Sellner J, Deisenhammer F, Enzinger C, Reindl M, Rauschka H, Berger T, Höftberger R. Functional Recovery in Autoimmune Encephalitis: A Prospective Observational Study. *Front Immunol*. 2021 May 21;12:641106. doi: 10.3389/fimmu.2021.641106. eCollection 2021.PMID: 34093529

- Oberndorfer S, Hutterer M. Das Behandlungspotential der ICI in der Neurologie. Neurologisch 2021;4;158-160
- Oberndorfer S, Hutterer M. Entwicklungen und Highlights aus der NeuroOnkologie Neurologisch 2021;4;25-27

#### Abstracts (ÖGN 20201 und EAN 2021):

- Endmayr V.1, De Simoni D.1,2, Gelpi E.1, Robinson S.3, Guthrie C.3, Oberndorfer S.2, Hametner S.1\*, Höftberger R.1 Neuropathology and magnetic resonance imaging characteristics in autoimmune glial fibrillary acidic protein meningo-encephalomyelitis. European Congress of Neuropathology, Mai 2021
- Konrath E, Marhold F, Kindler W, Scheichel F, Blauensteiner K, Calabek B, Freydl E, Weber M, Ristl R, Hainz K, Sherfif C, Oberndorfer S. Perioperative Levetiracetam for seizure prophylaxis in brain tumor patients with focus on neurocognitive functioning. Neurologisch 2021;1:9(V06)
- Oberndorfer S, Wöherer A, et al. ABTR-SANOnet, update 2021. Neurologisch 2021;1;21(P09)
- Time trends in characteristics of juvenile patients with acute stroke: A Registry study 2004-2019. Waiß C, Oberndorfer S. Neurologisch 2021;1:23(P12)
- Histological and molöecular analysis of tumor tissueafter resection I radiologically suspected glioblastoma recurrence. Nikolic K, Wendschlag A, Calabek Wohinz B, Blauensteiner K, Kitzwögerer M, Oberndorfer S. Neurologisch 2021;1:28(P18)
- Zerebrale onkotische Aneurysmen bei atrialem Myxom mit neurologischen Spätkomplikationen. Fischer AC, Waiß C, Neuhauser C, Oberndorfer S. Neurologisch 2021;1:42(P34)
- Johanna Heugenhauser<sup>1</sup>, Malik Galijasevic<sup>2</sup>, Stephanie Mangesius<sup>2</sup>, Johanna Buchroithner<sup>3</sup>, Friedrich Erhart<sup>4,5</sup>, Josef Pichler<sup>6</sup>, Georg Widhalm<sup>4</sup>, Matthias Preusser<sup>7</sup>, Günther Stockhammer<sup>1</sup>, Sarah Iglseder<sup>1</sup>, Christian F. Freyschlag<sup>8</sup>, Stefan Oberndorfer<sup>9</sup>, Karin Bordihn<sup>10</sup>, Gord von Campe<sup>11</sup>, Thomas Czech<sup>4</sup>, Birgit Surböck<sup>13</sup>, Tadeja Urbanic-Purkhart<sup>14</sup>, Christine Marosi<sup>7</sup>, Thomas Felzmann<sup>12</sup>, Martha Nowosielski<sup>1</sup>. Response assessment in newly diagnosed glioblastoma patients treated with tumor lysate-charged autologous dendritic cells (Audencel): a comparative analysis of MacDonald, RANO, mRANO, iRANO and volumetric measurements. NeuroOncol; SNO 2021