

# Dr. med. Camelia-Maria Monoranu

## Veröffentlichungen (bis 2013)

1. Jones DT, Hutter B, Jäger N, Korshunov A, Kool M, Warnatz HJ, Zichner T, Lambert SR, Ryzhova M, Quang DA, Fontebasso AM, Stütz AM, Hutter S, Zuckermann M, Sturm D, Gronych J, Lasitschka B, Schmidt S, Seker-Cin H, Witt H, Sultan M, Ralser M, Northcott PA, Hovestadt V, Bender S, Pfaff E, Stark S, Faury D, Schwartzentruber J, Majewski J, Weber UD, Zapata M, Raeder B, Schlesner M, Worth CL, Bartholomae CC, von Kalle C, Imbusch CD, Radomski S, Lawerenz C, van Sluis P, Koster J, Volckmann R, Versteeg R, Lehrach H, **Monoranu C**, Winkler B, Unterberg A, Herold-Mende C, Milde T, Kulozik AE, Ebinger M, Schuhmann MU, Cho YJ, Pomeroy SL, von Deimling A, Witt O, Taylor MD, Wolf S, Karajannis MA, Eberhart CG, Scheurlen W, Hasselblatt M, Ligon KL, Kieran MW, Korbel JO, Yaspo ML, Brors B, Felsberg J, Reifenberger G, Collins VP, Jabado N, Eils R, Lichter P; the International Cancer Genome Consortium PedBrain Tumor Project, Pfister SM.  
*Recurrent somatic alterations of FGFR1 and NTRK2 in pilocytic astrocytoma.*  
Nat Genet. 2013 Jun 30. doi: 10.1038/ng.2682. [Epub ahead of print]
2. Remke M, Hering E, Gerber NU, Kool M, Sturm D, Rickert CH, Gerß J, Schulz S, Hielscher T, Hasselblatt M, Jeibmann A, Hans V, Ramaswamy V, Taylor MD, Pietsch T, Rutkowski S, Korshunov A, **Monoranu CM**, Frühwald MC.  
*Somatostatin receptor subtype 2 (sst2) is a potential prognostic marker and a therapeutic target in medulloblastoma.*  
Childs Nerv Syst. 2013 May 16. [Epub ahead of print]
3. Golombeck SK, Wessig C, **Monoranu CM**, Schütz A, Solymosi L, Melzer N, Kleinschnitz C.  
*Fatal atypical reversible posterior leukoencephalopathy syndrome: a case report.*  
J Med Case Rep. 2013 Jan 10;7(1):14.

4. Sturm D, Witt H, Hovestadt V, Khuong-Quang DA, Jones DT, Konermann C, Pfaff E, Tönjes M, Sill M, Bender S, Kool M, Zapatka M, Becker N, Zucknick M, Hielscher T, Liu XY, Fontebasso AM, Ryzhova M, Albrecht S, Jacob K, Wolter M, Ebinger M, Schuhmann MU, van Meter T, Frühwald MC, Hauch H, Pekrun A, Radlwimmer B, Niehues T, von Komorowski G, Dürken M, Kulozik AE, Madden J, Donson A, Foreman NK, Drissi R, Fouladi M, Scheurlen W, von Deimling A, **Monoranu C**, Roggendorf W, Herold-Mende C, Unterberg A, Kramm CM, Felsberg J, Hartmann C, Wiestler B, Wick W, Milde T, Witt O, Lindroth AM, Schwartzenbacher J, Faury D, Fleming A, Zakrzewska M, Liberski PP, Zakrzewski K, Hauser P, Garami M, Klekner A, Bognar L, Morrissey S, Cavalli F, Taylor MD, van Sluis P, Koster J, Versteeg R, Volckmann R, Mikkelsen T, Aldape K, Reifenberger G, Collins VP, Majewski J, Korshunov A, Lichter P, Plass C, Jabado N, Pfister SM.  
*Hotspot mutations in H3F3A and IDH1 define distinct epigenetic and biological subgroups of glioblastoma*  
Cancer Cell. 2012 Oct 16;22(4):425-37.
5. Jones DT, Jäger N, Kool M, Zichner T, Hutter B, Sultan M, Cho YJ, Pugh TJ, Hovestadt V, Stütz AM, Rausch T, Warnatz HJ, Ryzhova M, Bender S, Sturm D, Pleier S, Cin H, Pfaff E, Sieber L, Wittmann A, Remke M, Witt H, Hutter S, Tzaridis T, Weischenfeldt J, Raeder B, Avci M, Amstislavskiy V, Zapatka M, Weber UD, Wang Q, Lasitschka B, Bartholomae CC, Schmidt M, von Kalle C, Ast V, Lawerenz C, Eils J, Kabbe R, Benes V, van Sluis P, Koster J, Volckmann R, Shih D, Betts MJ, Russell RB, Coco S, Tonini GP, Schüller U, Hans V, Graf N, Kim YJ, **Monoranu C**, Roggendorf W, Unterberg A, Herold-Mende C, Milde T, Kulozik AE, von Deimling A, Witt O, Maass E, Rössler J, Ebinger M, Schuhmann MU, Frühwald MC, Hasselblatt M, Jabado N, Rutkowski S, von Bueren AO, Williamson D, Clifford SC, McCabe MG, Collins VP, Wolf S, Wiemann S, Lehrach H, Brors B, Scheurlen W, Felsberg J, Reifenberger G, Northcott PA, Taylor MD, Meyerson M, Pomeroy SL, Yaspo ML, Korbel JO, Korshunov A, Eils R, Pfister SM, Lichter P.  
*Dissecting the genomic complexity underlying medulloblastoma.*  
Nature. 2012 Aug 2;488(7409):100-5. doi: 10.1038/nature11284.
6. Zeller D, Markulin F, **Monoranu CM**, Solymosi L, Stoll G.  
*Spreading along white matter tracts?--A case of progressive multifocal leukoencephalopathy with unusual MRI presentation.*  
Clin Neurol Neurosurg. 2013 May;115(5):638-40.

7. Linsenmann T, **Monoranu CM**, Westermaier T, Varallyay C, Ernestus RI, Vince GH.  
*Exophytic glioblastoma arising from the cerebellum: case report and critical review of the literature.*  
J Neurol Surg A Cent Eur Neurosurg. 2013 Jul;74(4):262-4.
8. Alafuzoff I, Gelpi E, Al-Sarraj S, Arzberger T, Attems J, Bodi I, Bogdanovic N, Budka H, Bugiani O, Englund E, Ferrer I, Gentleman S, Giaccone G, Graeber MB, Hortobagyi T, Höftberger R, Ironside JW, Jellinger K, Kavantzas N, King A, Korkolopoulou P, Kovács GG, Meyronet D, **Monoranu C**, Parchi P., Patsouris E, Roggendorf W, Rozemuller A, Seilhean D, Streichenberger N, Thal DR, Wharton SB, Kretzschmar H.  
*The need to unify neuropathological assessments of vascular alterations in the ageing brain: multicentre survey by the BrainNet Europe consortium*  
Exp Gerontol. 2012 Nov; 47(11):825-33.
9. Durrenberger PF, Grünblatt E, Fernando FS, **Monoranu CM**, Evans J, Riederer P, Reynolds R, Dexter DT.  
*Inflammatory Pathways in Parkinson's Disease; A BNE Microarray Study.*  
Parkinsons Dis. 2012;2012:214714.
10. Bartl J, **Monoranu CM**, Wagner AK, Kolter J, Riederer P, Grünblatt E.  
*Alzheimer's disease and type 2 diabetes: two diseases, one common link?*  
World J Biol Psychiatry. 2013 Apr; 14(3):233-40.
11. Schwab N, Ulzheimer JC, Fox RJ, Schneider-Hohendorf T, Kieseier BC, **Monoranu CM**, Staugaitis SM, Welch W, Jilek S, Du Pasquier RA, Brück W, Toyka KV, Ransohoff RM, Wiendl H.  
*Fatal PML associated with efalizumab therapy: insights into integrin αLβ2 in JC virus control.*  
Neurology. 2012 Feb 14;78(7):458-67; discussion 465.
12. **Monoranu CM**, Kircher S, Schmitt A, Riederer P, Gerlach M.  
*Uniform pattern of immunohistochemical localization of serotonin 5-HT2 receptors in human aortic, mitral, pulmonary and tricuspid heart valves: Implication for the pathomechanism of valvular heart disease following treatment with dopamine agonists.*  
Basal Ganglia, 2012 May; (2):87-90.

13. Hermann A, **Monoranu C**, Schwarz J, Petri S, Storch A.  
*Reduced LRRK2-positive neurons in the striatum of Parkinson's disease patients hypothesize a retrograde disease mechanism?*  
Basal Ganglia, 2012 May; (2):67-72.
14. Grünblatt E, Proft F, Apfelbacher M, Deckert J, Roggendorf W, Riederer P, **Monoranu CM**.  
*Brain tryptophan rather than pH-value is altered as consequence of artificial postmortem interval and storage conditions*  
Neurochem Int. 2010 Dec;57(7):819-22. doi: 10.1016/j.neuint.2010.08.020.  
Epub 2010 Sep 15.
15. **Monoranu CM**, Grünblatt E, Bartl J, Meyer A, Apfelbacher M, Keller D, Michel TM, Al-Saraj S, Schmitt A, Falkai P, Roggendorf W, Deckert J, Ferrer I, Riederer P.  
*Methyl- and acetyltransferases are stable epigenetic markers postmortem*  
Cell Tissue Bank. 2011 Nov;12(4):289-97.
16. Pham M, Sommer C, Wessig C, **Monoranu CM**, Pérez J, Stoll G, Bendszus M.  
*Magnetic resonance neurography for the diagnosis of extrapelvic sciatic endometriosis.*  
Fertil Steril. 2010 Jun;94(1):351.e11-4.
17. Grünblatt E, **Monoranu CM**, Apfelbacher M, Keller D, Michel TM, Alafuzoff I, Ferrer I, Al-Saraj S, Keyvani K, Schmitt A, Falkai P, Schittenhelm J, McLean C, Halliday GM, Harper C, Deckert J, Roggendorf W, Riederer P (geteilte Erstautorenschaft).  
*Tryptophan is a marker of human postmortem brain tissue quality*  
J Neurochem. 2009 Sep;110(5):1400-8.
18. **Monoranu CM**, Apfelbacher M, Grünblatt E, Puppe B, Alafuzoff I, Ferrer I, Al-Saraj S, Keyvani K, Schmitt A, Falkai P, Schittenhelm J, Halliday G, Kril J, Harper C, McLean C, Riederer P, Roggendorf W.  
*pH measurement as quality control on human post mortem brain tissue: a study of the BrainNet Europe consortium.*  
Neuropathol Appl Neurobiol. 2009 Jun;35(3):329-37.

19. Schneider D, **Monoranu CM**, Huang B, Rutkowski S, Gerber NU, Krauss J, Puppe B, Roggendorf W; (geteilte Erstautorenchaft).  
*Pediatric supratentorial ependymomas show more frequent deletions on chromosome 9 than infratentorial ependymomas: a microsatellite analysis.*  
Cancer Genet Cytogenet. 2009 Jun; 191(2):90-6.
20. Westermaier T, Vince GH, Meinhardt M, **Monoranu C**, Roosen K, Matthies C.  
*Arachnoid cysts of the fourth ventricle - short illustrated review.*  
Acta Neurochir (Wien). 2010 Jan; 152(1):119-24. doi: 10.1007/s00701-009-0309-2. Epub 2009 Apr 23. Review.
21. Alafuzoff I, Ince PG, Arzberger T, Al-Sarraj S, Bell J, Bodi I, Bogdanovic N, Bugiani O, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Ironside JW, Kavantzas N, King A, Korkolopoulou P, Kovács GG, Meyronet D, **Monoranu C**, Parchi P, Parkkinen L, Patsouris E, Roggendorf W, Rozemuller A, Stadelmann-Nessler C, Streichenberger N, Thal DR, Kretzschmar H.  
*Staging/typing of Lewy body related alpha-synuclein pathology: a study of the BrainNet Europe Consortium.*  
Acta Neuropathol. 2009 Jun; 117(6):635-52. doi: 10.1007/s00401-009-0523-2. Epub 2009 Mar 28.
22. Alafuzoff I, Thal DR, Arzberger T, Bogdanovic N, Al-Sarraj S, Bodi I, Boluda S, Bugiani O, Duyckaerts C, Gelpi E, Gentleman S, Giaccone G, Graeber M, Hortobagyi T, Höftberger R, Ince P, Ironside JW, Kavantzas N, King A, Korkolopoulou P, Kovács GG, Meyronet D, **Monoranu C**, Nilsson T, Parchi P, Patsouris E, Pikkarainen M, Revesz T, Rozemuller A, Seilhean D, Schulz-Schaeffer W, Streichenberger N, Wharton SB, Kretzschmar H.  
*Assessment of beta-amyloid deposits in human brain: a study of the BrainNet Europe Consortium.*  
Acta Neuropathol. 2009 Mar; 117(3):309-20. doi: 10.1007/s00401-009-0485-4. Epub 2009 Feb 1.
23. Hasselblatt M, Jozwiak J, Mayer K, **Monoranu CM**, Schweitzer T, Gerber NU, Krauss J, Schropp C, Bleier S, Kotulska K, Rutkowski S, Pietsch T, Sörensen N, Kersting C, Roggendorf W, Paulus W.  
*Hypothalamic papillary tumor in a patient with tuberous sclerosis.*  
Am J Surg Pathol. 2008 Oct; 32(10):1578-80.

24. Völker HU, Hagemann C, Coy J, Wittig R, Sommer S, Stojic J, Haubitz I, Vince GH, Kämmerer U, **Monoranu CM**.  
*Expression of transketolase-like 1 and activation of Akt in grade IV glioblastomas compared with grades II and III astrocytic gliomas.*  
Am J Clin Pathol. 2008 Jul;130(1):50-7.
25. Alafuzoff I, Arzberger T, Al-Sarraj S, Bodi I, Bogdanovic N, Braak H, Bugiani O, Del-Tredici K, Ferrer I, Gelpi E, Giaccone G, Graeber MB, Ince P, Kamphorst W, King A, Korkolopoulou P, Kovács GG, Larionov S, Meyronet D, **Monoranu C**, Parchi P, Patsouris E, Roggendorf W, Seilhean D, Tagliavini F, Stadelmann C, Streichenberger N, Thal DR, Wharton SB, Kretzschmar H.  
*Staging of neurofibrillary pathology in Alzheimer's disease: a study of the BrainNet Europe Consortium.*  
Brain Pathol. 2008 Oct;18(4):484-96.
26. Alafuzoff I, Pikkarainen M, Arzberger T, Thal DR, Al-Sarraj S, Bell J, Bodi I, Budka H, Capetillo-Zarate E, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Kavantzas N, King A, Korkolopoulou P, Kovács GG, Meyronet D, **Monoranu C**, Parchi P, Patsouris E, Roggendorf W, Stadelmann C, Streichenberger N, Tagliavini F, Kretzschmar H.  
*Inter-laboratory comparison of neuropathological assessments of beta-amyloid protein: a study of the BrainNet Europe consortium.*  
Acta Neuropathol. 2008 May;115(5):533-46. doi: 10.1007/s00401-008-0358-2. Epub 2008 Mar 15.
27. **Monoranu CM**, Huang B, Zangen IL, Rutkowski S, Vince GH, Gerber NU, Puppe B, Roggendorf W.  
*Correlation between 6q25.3 deletion status and survival in pediatric intracranial ependymomas.*  
Cancer Genet Cytogenet. 2008 Apr 1;182(1):18-26.
28. Alafuzoff I, Parkkinen L, Al-Sarraj S, Arzberger T, Bell J, Bodi I, Bogdanovic N, Budka H, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Kamphorst W, King A, Korkolopoulou P, Kovács GG, Larionov S, Meyronet D, **Monoranu C**, Morris J, Parchi P, Patsouris E, Roggendorf W, Seilhean D, Streichenberger N, Thal DR, Kretzschmar H; BrainNet Europe Consortium.  
*Assessment of alpha-synuclein pathology: a study of the BrainNet Europe Consortium.*  
J Neuropathol Exp Neurol. 2008 Feb;67(2):125-43.

29. Grünblatt E, Zander N, Bartl J, Jie L, **Monoranu CM**, Arzberger T, Ravid R, Roggendorf W, Gerlach M, Riederer P.  
*Comparison analysis of gene expression patterns between sporadic Alzheimer's and Parkinson's disease.*  
J Alzheimers Dis. 2007 Dec;12(4):291-311.
30. Mackenzie IR, Bigio EH, Ince PG, Geser F, Neumann M, Cairns NJ, Kwong LK, Forman MS, Ravits J, Stewart H, Eisen A, McClusky L, Kretzschmar HA, **Monoranu CM**, Highley JR, Kirby J, Siddique T, Shaw PJ, Lee VM, Trojanowski JQ.  
*Pathological TDP-43 distinguishes sporadic amyotrophic lateral sclerosis from amyotrophic lateral sclerosis with SOD1 mutations.*  
Ann Neurol. 2007 May;61(5):427-34.
31. Lukashova-v Zangen I, Kneitz S, **Monoranu CM**, Rutkowski S, Hinkes B, Vince GH, Huang B, Roggendorf W.  
*Ependymoma gene expression profiles associated with histological subtype, proliferation, and patient survival.*  
Acta Neuropathol. 2007 Mar;113(3):325-37. Epub 2007 Jan 31.
32. Bendszus M, Hagel C, Maurer M, Schütz A, Vince GH, **Monoranu C**, Solymosi L.  
*Fatal recurrent subarachnoid hemorrhage after complete endovascular aneurysm occlusion.*  
AJNR Am J Neuroradiol. 2006 Nov-Dec;27(10):2058-60.
33. Bendszus M, **Monoranu CM**, Schütz A, Nölte I, Vince GH, Solymosi L.  
*Neurologic complications after particle embolization of intracranial meningiomas.*  
AJNR Am J Neuroradiol. 2005 Jun-Jul;26(6):1413-9.
34. Krumbholz M, Theil D, Derfuss T, Rosenwald A, Schrader F, **Monoranu CM**, Kalled SL, Hess DM, Serafini B, Aloisi F, Wekerle H, Hohlfeld R, Meinl E.  
*BAFF is produced by astrocytes and up-regulated in multiple sclerosis lesions and primary central nervous system lymphoma.*  
J Exp Med. 2005 Jan 17;201(2):195-200. Epub 2005 Jan 10