

Dear Colleagues,

Happy New Year 2017! Here is the ASL Newsletter No. 69 with publications in December 2016.

Kind regards,

Klaus

Recent publications December 2016, (Epub & Print)

Note: The '*new*-flag' is assigned to articles which haven't been in earlier newsletters (e.g. as e-publications). Additionally you will find titles printed in bold letters which indicates that they are listed for the first time in this particular newsletter. For articles listed multiple times in different sections the bold letters disappear in the later sections.

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Animal Studies

new

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[Baseline Perfusion Alterations Due to Acute Application of Quetiapine and Pramipexole in Healthy Adults.](#)

Michels L, Scherpiet S, Stämpfli P, Herwig U, Brühl AB.
Int J Neuropsychopharmacol. 2016 Dec 3;19(11). pii: pyw067. doi: 10.1093/ijnp/pyw067.
[Free PMC Article](#)

Cerebral Blood Flow Studies

Studies on Special Disease

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Ningning D, Haopeng P, Xuefei D, Wenna C, Yan R, Jingsong W, Chengjun Y, Zhenwei Y, Xiaoyuan F. Neuroradiology. 2016 Dec 6. [Epub ahead of print]

new

Cerebral blood flow, blood supply, and cognition in Type 2 Diabetes Mellitus.

Jansen JF, van Bussel FC, van de Haar HJ, van Osch MJ, Hofman PA, van Boxtel MP, van Oostenbrugge RJ, Schram MT, Stehouwer CD, Wildberger JE, Backes WH. Sci Rep. 2016 Dec;6(1):10. [Free Article](#)

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Prediction of Blood-Brain Barrier Disruption and Intracerebral Hemorrhagic Infarction Using Arterial Spin-Labeling Magnetic Resonance Imaging.

Niibo T, Ohta H, Miyata S, Ikushima I, Yonenaga K, Takeshima H.
Stroke. 2017 Jan;48(1):117-122. doi: 10.1161/STROKEAHA.116.013923.

new

The severity of anaemia depletes cerebrovascular dilatory reserve in children with sickle cell disease: a quantitative magnetic resonance imaging study.

Kosinski PD, Croal PL, Leung J, Williams S, Odame I, Hare GM, Shroff M, Kassner A.
Br J Haematol. 2016 Dec 1. doi: 10.1111/bjh.14424. [Epub ahead of print]

new

The effects of hemodynamic lag on functional connectivity and behavior after stroke.

Siegel JS, Snyder AZ, Ramsey L, Shulman GL, Corbetta M.
J Cereb Blood Flow Metab. 2016 Dec;36(12):2162-2176.

Comparison of Quantitative Cerebral Blood Flow Measurements Performed by Bookend Dynamic Susceptibility Contrast and Arterial Spin-Labeling MRI in Relapsing-Remitting Multiple Sclerosis.

D'Ortenzio RM, Hojjat SP, Vitorino R, Cantrell CG, Lee L, Feinstein A, O'Connor P, Carroll TJ, Aviv RI.
AJNR Am J Neuroradiol. 2016 Dec;37(12):2265-2272.

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AJNR Am J Neuroradiol. 2016 Dec;37(12):2209-2216.

Cerebral blood flow modulation insufficiency in brain networks in multiple sclerosis: A hypercapnia MRI study.

Marshall O, Chawla S, Lu H, Pape L, Ge Y.
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Dynamic susceptibility contrast perfusion MRI using phase-based venous output functions: comparison with pseudo-continuous arterial spin labelling and assessment of contrast agent concentration in large veins.

Wirestam R, Lind E, Ahlgren A, Ståhlberg F, Knutsson L.
MAGMA. 2016 Dec;29(6):823-831.

EEG marker of inhibitory brain activity correlates with resting-state cerebral blood flow in the reward system in major depression.

Cantisani A, Koenig T, Stegmayer K, Federspiel A, Horn H, Müller TJ, Wiest R, Strik W, Walther S.
Eur Arch Psychiatry Clin Neurosci. 2016 Dec;266(8):755-764.

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CNS Neurosci Ther. 2016 Dec;22(12):1009-1011. doi: 10.1111/cns.12603. No abstract available.

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Non-invasive assessment of portal hypertension using quantitative magnetic resonance imaging.

Palaniyappan N, Cox E, Bradley C, Scott R, Austin A, O'Neill R, Ramjas G, Travis S, White H, Singh R, Thurley P, Guha IN, Francis S, Aithal GP.
J Hepatol. 2016 Dec;65(6):1131-1139. doi: 10.1016/j.jhep.2016.07.021. [Free PMC Article](#)

ASL in Kidneys

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Intratumor Heterogeneity of Perfusion and Diffusion in Clear-Cell Renal Cell Carcinoma: Correlation With Tumor Cellularity.

Yuan Q, Kapur P, Zhang Y, Xi Y, Carvo I, Signoretti S, Dimitrov IE, Cadeddu JA, Margulis V, Brugarolas J, Madhuranthakam AJ, Pedrosa I.
Clin Genitourin Cancer. 2016 Dec;14(6):e585-e594. doi: 10.1016/j.clgc.2016.04.007.

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Job offerings

There are some job offers out there, have a look at: <http://asl-network.org/jobs>.

E.g.: [Postdoctoral research fellow in brain perfusion and metabolism measured by PET/MRI](#) at Rigshospitalet Copenhagen / DK

If you have any vacancies please send them to jobsATasl-network.org.

Featured articles

If you would like to write a comment on an interesting article mail it to editorATasl-network.org