

Dear ASL network users,

I wish you a happy and successful year 2016!

As Klaus already announced in the last ASL newsletter we will have some changes for you in 2016! And, most important, we need your help in this. Since our COST Action ran out in Dec 2015, we have to keep up our ASL community by other means. We want to do this by re-activating the ASL-network.org homepage and start lively discussions. We would like to have an active forum and maybe a [wiki](#), as well. This is not setup yet, but we are working on it and will come back to you soon. So, stay tuned!

Best wishes,
Matthias

A report on the last 4 years of COST Action with all activities and achievements listed can be found on the ASL-network page:

<http://asl-network.org/community-3/cost-action-asl-in-dementia>

Recent publications

December 2015,

(e-publications might have been earlier):

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Animal Studies

[Multimodal MRI characterization of experimental subarachnoid hemorrhage.](#)

Sun Y, Shen Q, Watts LT, Muir ER, Huang S, Yang GY, Suarez JI, Duong TQ. Neuroscience. 2015 Dec 18. pii: S0306-4522(15)01112-4. doi: 10.1016/j.neuroscience.2015.12.027. [Epub ahead of print]

Pharmacological / Drug Studies / Studies on the Effects of Therapies

[Effect of Anserine/Carnosine Supplementation on Verbal Episodic Memory in Elderly People.](#)

Hisatsune T, Kaneko J, Kurashige H, Cao Y, Satsu H, Totsuka M, Katakura Y, Imabayashi E, Matsuda H. J Alzheimers Dis. 2015 Dec 8. [Epub ahead of print]

Cerebral Blood Flow Studies

CBF Regional Comparison / Regional ASL

[Abnormal resting state functional connectivity in patients with chronic fatigue syndrome: An arterial spin-labeling fMRI study.](#)

Boissoneault J, Letzen J, Lai S, O'Shea A, Craggs J, Robinson M, Staud R. Magn Reson Imaging. 2015 Dec 17. pii: S0730-725X(15)00303-3. doi: 10.1016/j.mri.2015.12.008. [Epub ahead of print]

[Noninvasive evaluation of the correlation between regional cerebral blood flow and intraventricular brain temperature in temporal lobe epilepsy.](#)

Sone D, Ota M, Yokoyama K, Sumida K, Kimura Y, Imabayashi E, Matsuda H, Sato N. Magn Reson Imaging. 2015 Dec 17. pii: S0730-725X(15)00313-6. doi: 10.1016/j.mri.2015.12.018. [Epub ahead of print]

[Resting Hyperperfusion of the Hippocampus, Midbrain, and Basal Ganglia in People at High Risk for Psychosis.](#)

Allen P, Chaddock CA, Egerton A, Howes OD, Bonoldi I, Zelaya F, Bhattacharyya S, Murray R, McGuire P. Am J Psychiatry. 2015 Dec 18:appiajp201515040485. [Epub ahead of print]

Studies on Special Disease

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Am J Psychiatry. 2015 Dec 18:appiajp201515040485. [Epub ahead of print]

[Brain magnetic resonance imaging CO₂ stress testing in adolescent postconcussion syndrome.](#)

Mutch WA, Ellis MJ, Ryner LN, Ruth Graham M, Dufault B, Gregson B, Hall T, Bunge M, Essig M, Fisher JA, Duffin J, Mikulis DJ; for The Canada North Concussion Network, and ; for The University Health Network Cerebrovascular Reactivity Research Group.
J Neurosurg. 2015 Dec 18:1-13. [Epub ahead of print]

[Effect of Anserine/Carnosine Supplementation on Verbal Episodic Memory in Elderly People.](#)

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[Cortical Cerebral Blood Flow, Oxygen Extraction Fraction, and Metabolic Rate in Patients with Middle Cerebral Artery Stenosis or Acute Stroke.](#)

Liu Z, Li Y.
AJNR Am J Neuroradiol. 2015 Dec 17. [Epub ahead of print]

[Comparative study of DSC-PWI and 3D-ASL in ischemic stroke patients.](#)

Zhang SX, Yao YH, Zhang S, Zhu WJ, Tang XY, Qin YY, Zhao LY, Liu CX, Zhu WZ.
J Huazhong Univ Sci Technolog Med Sci. 2015 Dec;35(6):923-7. doi: 10.1007/s11596-015-1529-8. Epub 2015 Dec 16.

[Consistency of T2WI-FS/ASL fusion images in delineating the volume of nasopharyngeal carcinoma.](#)

Lin M, Yu X, Ouyang H, Luo D, Zhou C.
Sci Rep. 2015 Dec 16;5:18431. doi: 10.1038/srep18431.

[Blood Pressure is Associated With Cerebral Blood Flow Alterations in Patients With T2DM as Revealed by Perfusion Functional MRI.](#)

Xia W, Rao H, Spaeth AM, Huang R, Tian S, Cai R, Sun J, Wang S.
Medicine (Baltimore). 2015 Dec;94(48):e2231. doi: 10.1097/MD.0000000000002231.

[Posteromedial hyperactivation during episodic recognition among people with memory decline: findings from the WRAP study.](#)

Nicholas CR, Okonkwo OC, Bendlin BB, Oh JM, Asthana S, Rowley HA, Hermann B, Sager MA, Johnson SC.

Brain Imaging Behav. 2015 Dec;9(4):690-702. doi: 10.1007/s11682-014-9322-z.

Comparison of ASL Techniques / ASL Compared with Other Imaging Methods / ASL Combined with Other Imaging Methods

[Walsh-ordered hadamard time-encoded pseudocontinuous ASL \(WH pCASL\).](#)

von Samson-Himmelstjerna F, Madai VI, Sobesky J, Guenther M.

Magn Reson Med. 2015 Dec 30. doi: 10.1002/mrm.26078. [Epub ahead of print]

[Comparative study of DSC-PWI and 3D-ASL in ischemic stroke patients.](#)

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Functional Imaging / BOLD

[APOE Polymorphism Affects Brain Default Mode Network in Healthy Young Adults: A STROBE Article.](#)

Su YY, Liang X, Schoepf UJ, Varga-Szemes A, West HC, Qi R, Kong X, Chen HJ, Lu GM, Zhang LJ.

Medicine (Baltimore). 2015 Dec;94(52):e1734. doi: 10.1097/MD.0000000000001734.

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Physiological Parameters besides CBF

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Liu Z, Li Y.

AJNR Am J Neuroradiol. 2015 Dec 17. [Epub ahead of print]

Perfusion Studies Other than on the Brain

[\[Functional magnetic resonance imaging of the kidneys\]](#).

Lanzman RS, Notohamiprodjo M, Wittsack HJ.

Radiologe. 2015 Dec;55(12):1077-87. doi: 10.1007/s00117-015-0044-z. German.

ASL for Angiography

[Evaluation of Intracranial Vasculatures in Healthy Subjects with Arterial-Spin-Labeling-Based 4D-MR Angiography at 3T.](#)

Iryo Y, Hirai T, Nakamura M, Tateishi M, Hayashida E, Azuma M, Nishimura S, Kitajima M, Yamashita Y.

Magn Reson Med Sci. 2015 Dec 22. [Epub ahead of print]

Comment: Noninvasive angiography without ASL

[Optimized 4D time-of-flight MR angiography using saturation pulse.](#)

Shibukawa S, Nishio H, Niwa T, Obara M, Miyati T, Hara T, Imai Y, Muro I.

J Magn Reson Imaging. 2015 Dec 15. doi: 10.1002/jmri.25118. [Epub ahead of print]

Technical Improvement / Parameter Optimization

[Walsh-ordered hadamard time-encoded pseudocontinuous ASL \(WH pCASL\).](#)

von Samson-Himmelstjerna F, Madai VI, Sobesky J, Guenther M.

Magn Reson Med. 2015 Dec 30. doi: 10.1002/mrm.26078. [Epub ahead of print]

[Whole-brain perfusion imaging with balanced steady-state free precession arterial spin labeling.](#)

Han PK, Ye JC, Kim EY, Choi SH, Park SH.

NMR Biomed. 2015 Dec 16. doi: 10.1002/nbm.3463. [Epub ahead of print]

Cohort Studies / Gender- and Age Dependencies

[Feasibility of Using Pseudo-Continuous Arterial Spin Labeling Perfusion in a Geriatric Population at 1.5 Tesla.](#)

Sigurdsson S, Forsberg L, Aspelund T, van der Geest RJ, van Buchem MA, Launer LJ, Gudnason V, van Osch MJ.

PLoS One. 2015 Dec 14;10(12):e0144743. doi: 10.1371/journal.pone.0144743. eCollection 2015.

Review Paper / Historical Review / Guidelines

[The role of nutrition on cognition and brain health in ageing: a targeted approach.](#)

Monti JM, Moulton CJ, Cohen NJ.

Nutr Res Rev. 2015 Dec;28(2):167-180.

Job offerings

New jobs are offered online, have a look on: <http://asl-network.org/jobs>

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

Feature articles

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