

Dear Colleagues,

Here is the ASL Newsletter No. 41.

- I would like to draw your special attention to the ASL 'white' paper:  
[Recommended implementation of arterial spin-labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia.](#)  
Alsop DC, Detre JA, Golay X, Günther M, Hendrikse J, Hernandez-Garcia L, Lu H, Macintosh BJ, Parkes LM, Smits M, van Osch MJ, Wang DJ, Wong EC, Zaharchuk G. Magn Reson Med. 2014 Apr 8. doi: 10.1002/mrm.25197. [Epub ahead of print]

Thanks to the tremendous work and involvement of all authors, the 'white paper' hopefully reflects a consensus position of the entire community on what are the best sequences and parameters to use when measuring perfusion with ASL in the clinics.

- This years' ASL Network Dinner at the ISMRM in Milan will be sponsored by



As with every year this dinner offers a great opportunity to network with colleagues from the ASL community.

Date: Sunday, May 11th 2014, 8:00 pm

Venue: *Trattoria La Tradizionale – Via Vergognone, 16 – 20144 Milano*  
(For location on map click [here](#).)

Please notice that the registration for the dinner is now **closed**.

Apologies that there has been some confusion about Johanna's automatic email, which you might have received. Everybody who has sent a registration email to [editor@asl-network.org](mailto:editor@asl-network.org) is signed up for the dinner, despite the out of office reply.

See you soon in Milano,  
Ina

## Recent publications

April 2014,

(e-publications might have been earlier):

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## Animal Studies

[Global and regional differences in cerebral blood flow after asphyxial versus ventricular fibrillation cardiac arrest in rats using ASL-MRI.](#)

Drabek T, Foley LM, Janata A, Stezoski J, Kevin Hitchens T, Manole MD, Kochanek PM. Resuscitation. 2014 Apr 12. pii: S0300-9572(14)00458-4. doi: 10.1016/j.resuscitation.2014.03.314. [Epub ahead of print]

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[Intranasal insulin increases regional cerebral blood flow in the insular cortex in men independently of cortisol manipulation.](#)

Schilling TM, Ferreira de Sá DS, Westerhausen R, Strelzyk F, Larra MF, Hallschmid M, Savaskan E, Oitzl MS, Busch HP, Naumann E, Schächinger H.

Hum Brain Mapp. 2014 May;35(5):1944-56. doi: 10.1002/hbm.22304. Epub 2013 Aug 1.

[Sex differences in resting state neural networks of nicotine-dependent cigarette smokers.](#)

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Magn Reson Med. 2014 May;71(5):1784-97. doi: 10.1002/mrm.24843. Epub 2013 Jul 8.

## Cerebral Blood Flow Studies

### CBF Correlation with Age

[Cardiorespiratory fitness mediates the effects of aging on cerebral blood flow.](#)

Zimmerman B, Sutton BP, Low KA, Fletcher MA, Tan CH, Schneider-Garces N, Li Y, Ouyang C, Maclin EL, Gratton G, Fabiani M.

Front Aging Neurosci. 2014 Apr 7;6:59. doi: 10.3389/fnagi.2014.00059. eCollection 2014.

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## Studies on Special Disease

### [pASL versus DSC perfusion MRI in lateralizing temporal lobe epilepsy.](#)

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[Quantification of cerebral perfusion using dynamic quantitative susceptibility mapping.](#)

Xu B, Spincemaille P, Liu T, Prince MR, Dutruel S, Gupta A, Thimmappa ND, Wang Y.

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Petr J, Ferré JC, Raoult H, Bannier E, Gauvrit JY, Barillot C.

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# Physiological Parameters besides CBF

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## [Mapping of arterial transit time by intravascular signal selection.](#)

Mildner T, Müller K, Hetzer S, Trampel R, Driesel W, Möller HE.

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[Template-based approach for detecting motor task activation-related hyperperfusion in pulsed ASL data.](#)

Petr J, Ferré JC, Raoult H, Bannier E, Gauvrit JY, Barillot C.

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