

Dear Colleagues,

Here is the ASL Newsletter No. 49.

I wish you a magn(et)ificent new year 2015 full of happiness, joy, health... and of course many ASL publications for the Newsletter!

Kind regards,
Ina

Recent publications December 2014, (e-publications might have been earlier):

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Animal Studies

[Ultra-High spatial resolution basal and evoked cerebral Blood flow MRI of the rat brain.](#)

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Cerebral Blood Flow Studies

CBF Correlation with Age

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Studies on Special Disease

[\[Contribution of arterial spin labeling to the diagnosis of sudden and transient neurological deficit.\]](#)

Yger M, Villain N, Belkacem S, Bertrand A, Rosso C, Crozier S, Samson Y, Dormont D.

Rev Neurol (Paris). 2014 Dec 30. pii: S0035-3787(14)01062-5. doi:

10.1016/j.neurol.2014.10.014. [Epub ahead of print] Review. French.

[Arterial Spin-Labeling Perfusion MRI Stratifies Progression-Free Survival and Correlates with Epidermal Growth Factor Receptor Status in Glioblastoma.](#)

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AJNR Am J Neuroradiol. 2014 Dec 26. [Epub ahead of print]

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[Bright Vessel Appearance on Arterial Spin Labeling MRI for Localizing Arterial Occlusion in Acute Ischemic Stroke.](#)

Yoo R, Yun TJ, Rhim JH, Yoon B, Kang KM, Choi SH, Kim J, Kim JE, Kang H, Sohn C, Han MH.

Stroke. 2014 Dec 18. pii: STROKEAHA.114.007797. [Epub ahead of print]

[Permeability Imaging as a Biomarker of Leptomeningeal Collateral Flow in Patients with Intracranial Arterial Stenosis.](#)

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[Brain volume and white matter hyperintensities as determinants of cerebral blood flow in Alzheimer's disease.](#)

Benedictus MR, Binnewijzend MA, Kuijer JP, Steenwijk MD, Versteeg A, Vrenken H, Scheltens P, Barkhof F, van der Flier WM, Prins ND.
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[Spectroscopy of reperfused tissue after stroke reveals heightened metabolism in patients with good clinical outcomes.](#)

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J Cereb Blood Flow Metab. 2014 Dec;34(12):1944-50. doi: 10.1038/jcbfm.2014.166. Epub 2014 Oct 1.

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Lindgren E, Wirestam R, Markenroth Bloch K, Ahlgren A, van Osch MJ, van Westen D, Surova Y, St ahlberg F, Knutsson L.
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Teeuwisse WM, Schmid S, Ghariq E, Veer IM, van Osch MJ.

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[Reproducibility of the quantification of arterial and tissue contributions in multiple postlabeling delay arterial spin labeling.](#)

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Review Paper/ Historical Review

[A Technical Perspective for Understanding Quantitative Arterial Spin-labeling MR Imaging using Q2TIPS.](#)

Noguchi T, Nishihara M, Hara Y, Hirai T, Egashira Y, Azama S, Irie H.

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Job offerings

If you have any vacancies please send them to jobs@asl-network.org

Feature articles

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