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Topical Recommended Reading List : January 2012
Lectures recommandées sur un sujet particulier : janvier 2012

Alzheimer disease awareness month: January 2012: focus on prevention

Diagnostic guidelines

1. Albert MS, DeKosky ST, Dickson D, Dubois B, Feldman HH, Fox NC et al. **The diagnosis of mild cognitive impairment due to Alzheimer's disease: recommendations from the National Institute on Aging-Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease.** *Alzheimers Dement* 2011;7(3):270-279. [link to abstract](#)
2. Dubois B, Feldman HH, Jacova C, Cummings JL, Dekosky ST, Barberger-Gateau P et al. **Revising the definition of Alzheimer's disease: a new lexicon.** *Lancet Neurol.* 2010;9(11):1118-1127. [link to abstract](#)
3. Jessen F, Wiese B, Bickel H, Eiffländer-Gorfer S, Fuchs A, Kaduszkiewicz H et al. **Prediction of dementia in primary care patients.** *PLoS One* 2011;6(2):e16852. [link to abstract](#)
4. Lopez OL, McDade E, Riverol M, Becker JT. **Evolution of the diagnostic criteria for degenerative and cognitive disorders.** *Curr Opin Neurol* 2011;24(6):532-541. [link to abstract](#)
5. McKhann GM, Knopman DS, Chertkow H, Hyman BT, Jack CR, Kawas CH et al. **The diagnosis of dementia due to Alzheimer's disease: recommendations from the National Institute on Aging-Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease.** *Alzheimers Dement* 2011;7(3):263-269. [link to abstract](#)
6. Sperling RA, Aisen PS, Beckett LA, Bennett DA, Craft S, Fagain AM et al. **Toward defining the preclinical stages of Alzheimer's disease: recommendations from the National Institute on Aging-Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease.** *Alzheimers Dement* 2011;7(3):280-292. [link to abstract](#)

Pathophysiology

7. Abeti R, Abramov AY, Duchon MR. **Beta-amyloid activates PARP causing astrocytic metabolic failure and neuronal death.** *Brain* 2011;134(Pt 6):1658-1672. [link to abstract](#)
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9. Camicioli R, Sabino J, Gee M, Bouchard T, Fisher N, Hanstock C et al. **Ventricular dilatation and brain atrophy in patients with Parkinson's disease with incipient dementia.** *Mov Disord* 2011;26(8):1443-1450. [link to abstract](#)
10. Cordonnier C, van der Flier WM. **Brain microbleeds and Alzheimer's disease: innocent observation or key player?** *Brain* 2011;134(Pt 2):335-344. [link to abstract](#)

11. Gorelick PB, Scuteri A, Black SE, Decarli C, Greenberg SM, Iadecola C et al. **Vascular contributions to cognitive impairment and dementia: a statement for healthcare professionals from the American Heart Association/American Stroke Association.** Stroke 2011;42(9):2672-2713. [link to abstract](#)
12. Maruszak A, Zekanowski C. **Mitochondrial dysfunction and Alzheimer's disease.** Prog Neuropsychopharmacol Biol Psychiatry 2011;35(2):320-330. [link to abstract](#)
13. Mogi M, Horiuchi M. **Clinical Interaction between Brain and Kidney in Small Vessel Disease.** Cardiol Res Pract 2011; [link to abstract](#) open access [link to full text](#)
14. Panza F, Solfrizzi V, Frisardi V, Maggi S, Sancarolo D, Adante F et al. **Different models of frailty in predementia and dementia syndromes.** J Nutr Health Aging 2011;15(8):711-719. [link to abstract](#)
15. Strachan MW. R D Lawrence Lecture 2010. **The brain as a target organ in Type 2 diabetes: exploring the links with cognitive impairment and dementia.** Diabet Med 2011;28(2):141-147. [link to abstract](#)

Risk factors and prevention

16. Anstey KJ, Cherbuin N, Budge M, Yong J. **Body mass index in midlife and late-life as a risk factor for dementia: a meta-analysis of prospective studies.** Obes Rev 2011;12(5):e426-e437. [link to abstract](#)
17. Alvarez-Sabin J, Román GC. **Citicoline in vascular cognitive impairment and vascular dementia after stroke.** Stroke 2011;42(1 Suppl):S40-S43. free full text available [link to abstract](#)
18. Arntzen KA, Schirmer H, Wilsgaard T, Mathiesen EB. **Impact of cardiovascular risk factors on cognitive function: the Tromsø study.** Eur J Neurol 2011;18(5):737-743. [link to abstract](#)
19. Barnes DE, Yaffe K. **The projected effect of risk factor reduction on Alzheimer's disease prevalence.** Lancet Neurol 2011;10(9):819-828. [link to abstract](#)
20. Béjot Y, Aboa-Eboulé D, Durier J, Rouaud O, Jacquin A, Ponavoy E et al. **Prevalence of early dementia after first-ever stroke: a 24-year population-based study.** Stroke 2011;42(3):607-612. [link to abstract](#)
21. Bilbul M, Schipper HM. **Risk profiles of Alzheimer disease.** Can J Neurol Sci 2011;38(4):580-592. [link to abstract](#)
22. Breitner JC, Baker LD, Montine TJ, Meinert CL, Lyketsos CG, Ashe KH et al. **Extended results of the Alzheimer's disease anti-inflammatory prevention trial.** Alzheimers Dement 2011;7(4):402-411. [link to abstract](#)
23. Craggs L, Kalaria RN. **Revisiting dietary antioxidants, neurodegeneration and dementia.** Neuroreport 2011;22(1):1-3. [link to abstract](#)
24. Daviglus ML, Plassman BL, Pirzada A, Bell CC, Bowen PE, Burke JR et al. **Risk factors and preventive interventions for Alzheimer disease: state of the science.** Arch Neurol 2011;68(9):1185-1190. [link to abstract](#)
25. Daviglus ML, Bell CC, Berrettini W, Bowen PE, Connolly ES Jr, Cox NJ et al. **National Institutes of Health State-of-the-Science Conference statement: preventing alzheimer disease and cognitive decline.** Ann Intern Med 2010;153(3):176-181. [link to abstract](#)
26. Dickens AP, Lang JA, Langa KM, Kos K, Llewellyn DJ. **Vitamin D, cognitive dysfunction and dementia in older adults.** CNS Drugs 2011;25(8):629-639. [link to abstract](#)

27. Diener HC. **Prevention of dementia should start 20 years before symptoms become apparent.** Eur Heart J 2011;32(18):2228-2230. [link to abstract](#)
28. Fratiglioni L, Qiu C. **Prevention of cognitive decline in ageing: dementia as the target, delayed onset as the goal.** Lancet Neurol 2011;10(9):778-779. no abstract
29. Frisardi V, Panza F, Seripa D, Imbimbo BP, Vendemiale G, Pilotto A et al. **Nutraceutical properties of Mediterranean diet and cognitive decline: possible underlying mechanisms.** J Alzheimers Dis 2010;22(3):715-740. [link to abstract](#)
30. Ho RC, Cheung MW, Fu E, Win HH, Zaw MH, Ng A et al. **Is high homocysteine level a risk factor for cognitive decline in elderly? A systematic review, meta-analysis, and meta-regression.** Am J Geriatr Psychiatry 2011;19(7):607-617. [link to abstract](#)
31. Ho YS, SoKF, Chang RC. **Drug discovery from Chinese medicine against neurodegeneration in Alzheimer's and vascular dementia.** Chin Med 2011;6:15-20. [link to abstract](#)
32. Howes MJ, Perry E. **The role of phytochemicals in the treatment and prevention of dementia.** Drugs Aging 2011;28(6):439-468. [link to abstract](#)
33. Ionov M, Burchell V, Klajnert B, Bryszewska M, Abramov AY. **Mechanism of neuroprotection of melatonin against beta-amyloid neurotoxicity.** Neuroscience 2011;180:229-237. [link to abstract](#)
34. Kesse-Guyot E, Fezeu L, Jeandel C, Ferry M, Andreeva V, Amieva H et al. **French adults' cognitive performance after daily supplementation with antioxidant vitamins and minerals at nutritional doses: a post hoc analysis of the Supplementation in Vitamins and Mineral Antioxidants (SU.VI.MAX) trial.** Am J Clin Nutr 2011;94(3):892-899. [link to abstract](#)
35. Leoutsakos JM, Muthen BO, Breitner JC, Lyketsos CG; For the ADAPT Research Team. **Effects of non-steroidal anti-inflammatory drug treatments on cognitive decline vary by phase of pre-clinical Alzheimer disease: findings from the randomized controlled Alzheimer's Disease Anti-inflammatory Prevention Trial.** Int J Geriatr Psychiatry 2011; epub ahead of print. [link to abstract](#)
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38. Luoma PV. **Gene-activation mechanisms in the regression of atherosclerosis, elimination of diabetes type 2, and prevention of dementia.** Curr Mol Med 2011;11(5):391-400. [link to abstract](#)
39. Mishra S, Mishra M, Seth P, Sharma SK. **Tetrahydrocurcumin confers protection against amyloid β -induced toxicity.** Neuroreport 2011;22(1):23-27. [link to abstract](#)
40. Naftolin F, Harman SM. **Preventing Alzheimer disease and cognitive decline.** Ann Intern Med 2011;154(3):211-212. no abstract
41. Nakagawa K, Kiko T, Miyazawa T, Carpennero Burdeos G, Kimura F, Satoh A, Miyazawa T. **Antioxidant effect of astaxanthin on phospholipid peroxidation in human erythrocytes.** Br J Nutr 2011;105(11):1563-1571. [link to abstract](#)
42. Nie Q, Du XG, Geng MY. **Small molecule inhibitors of amyloid β peptide aggregation as a potential therapeutic strategy for Alzheimer's disease.** Acta Pharmacol Sin 2011;32(5):545-551. [link to abstract](#)

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46. Perry E, Howes MJ. **Medicinal plants and dementia therapy: herbal hopes for brain aging?** CNS Neurosci Ther 2011;17(6):683-698. [link to abstract](#)
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54. Solfrizzi V, Panza F, Frisardi V, Seripa D, Logroscino G, Imbimbo BP et al. **Diet and Alzheimer's disease risk factors or prevention: the current evidence.** Expert Rev Neurother 2011;11(5):677-708. [link to abstract](#)
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60. Wehling M, Groth H. **Challenges of longevity in developed countries: vascular prevention of dementia as an immediate clue to tackle an upcoming medical, social and economic stretch.** Neurodegener Dis 2011;8(5):275-282. [link to abstract](#)
61. Woo HN, Baik SH, Park JS, Gwon AR, Yang S, Yun YK et al. **Secretases as therapeutic targets for Alzheimer's disease.** Biochem Biophys Res Commun 2011;404(1):10-15. [link to abstract](#)
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Emerging themes

63. Brodaty H, Breteler MM, Dekisky ST, Dorenlot P, Fratiglioni L, Hock C et al. **The world of dementia beyond 2020.** J Am Geriatr Soc 2011;59(5):923-927. [link to abstract](#)
64. Dursun E, Gezen-Ak D, Yilmazer S. **A novel perspective for Alzheimer's disease: vitamin D receptor suppression by amyloid- β and preventing the amyloid- β induced alterations by vitamin D in cortical neurons.** J Alzheimers Dis 2011;23(2):207-219. [link to abstract](#)
65. Filley CM, Anderson CA. **Dementia: five new things.** Neurology 2011;76(7 Suppl 2):S26-S30 no abstract [link to full text article](#)
66. Godle TE, Schneider LS, Koo EH. **Anti-a β therapeutics in Alzheimer's disease: the need for a paradigm shift.** Neuron 2011;69(2):203-213. [link to abstract](#)
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68. Kuller LH, Lopez OL. **Dementia and Alzheimer's disease: a new direction. the 2010 Jay L. Foster Memorial lecture.** Alzheimers Dement 2011;7(5):540-550. [link to abstract](#)
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