

Publikasjoner SESAM 2021

I 2021 hadde SESAM 62 publikasjoner i ulike tidsskrifter – 14 er nivå 2 publikasjoner og 1 er nivå 0. 1 artikkel er rapportert inn i 2020.

- Ajmi SC, Kurz MW, Ersdal H, Lindner T, Goyal M, Issenberg SB, Vossius C**
Cost-effectiveness of a quality improvement project, including simulation-based training, on reducing door-to-needle times in stroke thrombolysis. *BMJ Qual Saf.* 2021 Oct 1;bmjqs-2021-013398. Online ahead of print. PMID: 34599087
- Alme KN, Askim T, Assmus J, Mollnes TE, Naik M, Næss H, Saltvedt I, Ueland PM, Ulvik A, Knapskog AB.**
Investigating novel biomarkers of immune activation and modulation in the context of sedentary behaviour: a multicentre prospective ischemic stroke cohort study. *BMC Neurol.* 2021 Aug 16;21(1):318. PMID: 34399717. Nivå 1
- Alme KN, Ulvik A, Askim T, Assmus J, Mollnes TE, Naik M, Næss H, Saltvedt I, Ueland PM, Knapskog AB.**
Neopterin and kynurenic acid as predictors of stroke recurrence and mortality: a multicentre prospective cohort study on biomarkers of inflammation measured three months after ischemic stroke. *BMC Neurol.* 2021 Dec 8;21(1):476. PMID: 34879833. Nivå 1
- Al-Harrasi AM, Iqbal E, Tsamakidis K, Lasek J, Gadelrab R, Soysal P, Kohlhoff E, Tsiptsios D, Rizos E, Perera G, Aarsland D, Stewart R, Mueller C.**
Motor signs in Alzheimer's disease and vascular dementia: Detection through natural language processing, co-morbid features and relationship to adverse outcomes. *Exp Gerontol.* 2021 Jan 12;146:111223. PMID: 33450346. Nivå 1
- Aarli SJ, Thomassen L, Waje-Andreassen U, Logallo N, Kvistad CE, Næss H, Fromm A.**
The Course of Carotid Plaque Vulnerability Assessed by Advanced Neurosonology *Front Neurol.* 2021 Aug 20;12:702657. eCollection 2021. PMID: 34489850. Nivå 1
- Ashton NJ, Janelidze S, Al Khleifat A, Leuzy A, van der Ende EL, Karikari TK, Benedet AL, Pascoal TA, Lleó A, Parnetti L, Galimberti D, Bonanni L, Pilotto A, Padovani A, Lycke J, Novakova L, Axelsson M, Velayudhan L, Rabinovici GD, Miller B, Pariante C, Nikkheslat N, Resnick SM, Thambisetty M, Schöll M, Fernández-Eulate G, Gil-Bea FJ, López de Munain A, Al-Chalabi A, Rosa-Neto P, Strydom A, Svenningsson P, Stomrud E, Santillo A, Aarsland D, van Swieten JC, Palmqvist S, Zetterberg H, Blennow K, Hye A, Hansson O.**
A multicentre validation study of the diagnostic value of plasma neurofilament light. *Nat Commun.* 2021 Jun 7;12(1):3400. PMID: 34099648. Nivå 2
- Attems J, Toledo JB, Walker L, Gelpi E, Gentleman S, Halliday G, Hortobagyi T, Jellinger K, Kovacs GG, Lee EB, Love S, McAleese KE, Nelson PT, Neumann M, Parkkinen L, Polvikoski T, Sikorska B, Smith C, Grinberg LT, Thal DR, Trojanowski JQ, McKeith IG.**
Neuropathological consensus criteria for the evaluation of Lewy pathology in post-mortem brains: a multi-centre study. *Acta Neuropathol.* 2021 Feb;141(2):159-172. Epub 2021 Jan 5. PMID: 33399945. Nivå 1

8. **Barra M, Faiz KW, Dahl FA, Naess H.**
Stroke Mimics on the Stroke Unit - Temporal trends 2008-2017 at a large Norwegian university hospital. *Acta Neurol Scand.* 2021 Dec;144(6):695-705. Epub 2021 Sep 9. PMID: 34498731.
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9. **Bauckneht M, Chincarini A, Brendel M, Rominger A, Beyer L, Bruffaerts R, Vandenberghe R, Kramberger MG, Trost M, Garibotto V, Nicastro N, Frisoni GB, Lemstra AW, van Berckel BNM, Pilotto A, Padovani A, Ochoa-Figueroa MA, Davidsson A, Camacho V, Peira E, Arnaldi D, Pardini M, Donegani MI, Raffa S, Miceli A, Sambuceti G, Aarsland D, Nobili F, Morbelli S.**
Associations among education, age, and the dementia with Lewy bodies (DLB) metabolic pattern: A European-DLB consortium project. *Alzheimers Dement.* 2021 Feb 2. PMID: 33528089. Nivå 1 6.
10. **Berg SH, O'Hara JK, Shortt MT, Thune H, Brønneck KK, Lungu DA, Røislien J, Wiig S.**
Health authorities' health risk communication with the public during pandemics: a rapid scoping review. *BMC Public Health.* 2021 Jul 15;21(1):1401. PMID: 34266403. Nivå 1
11. **Borda MG, Ayala Copete AM, Tovar-Rios DA, Jaramillo-Jimenez A, Gil LM, Soennesyn H, Gómez-Arteaga C, Venegas-Sanabria LC, Kristiansen I, Chavarro-Carvajal DA, Caicedo S, Cano-Gutierrez CA, Vik-Mo A, Aarsland D.**
Association of Malnutrition with Functional and Cognitive Trajectories in People Living with Dementia: A Five-Year Follow-Up Study. *J Alzheimers Dis.* 2021 Jan 13. PMID: 33459715. Nivå 1
12. **Borda MG, Bani Hassan E, Weon J, Wakabayashi H, Tovar-Rios DA, Oppedal K, Aarsland D, Duque G.**
Muscle volume and intramuscular fat of the tongue evaluated with MRI predict malnutrition in people living with dementia: a five-year follow-up study. *J Gerontol A Biol Sci Med Sci.* 2021 Aug 2:glab224. Online ahead of print. PMID: 34338751. Nivå 2
13. **Borda MG, Castellanos-Perilla N, Tovar-Rios DA, Oesterhus R, Soennesyn H, Aarsland D.**
Polypharmacy is associated with functional decline in Alzheimer's disease and Lewy body dementia. *Arch Gerontol Geriatr.* 2021 Sep-Oct;96:104459. Epub 2021 Jun 24. PMID: 34225098.
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14. **Borda MG, Jaramillo-Jimenez A, Oesterhus R, Santacruz JM, Tovar-Rios DA, Soennesyn H, Cano-Gutierrez CA, Vik-Mo AO, Aarsland D.**
Benzodiazepines and antidepressants: effects on cognitive and functional decline in Alzheimer's disease and Lewy body dementia. *Int J Geriatr Psychiatry.* 2020 Dec 31. PMID: 33382911 Nivå 1
15. **Borda MG, Venegas-Sanabria LC, Barcia-Clifuentes E, Gomes RC, Cano-Gutierrez CA, Tovar-Rios DA, Aarsland V, Khalifa K, Jaramillo-Jimenez A, Aarsland D, Soennesyn H**
Body mass index, performance on activities of daily living and cognition: analysis in two different populations. *BMC Geriatr.* 2021 Mar 12;21(1):177. PMID: 33711937. Nivå 1
16. **Bridi JC, Bereczki E, Smith SK, Poças GM, Kottler B, Domingos PM, Elliott CJ, Aarsland D, Hirth F.**
Presynaptic accumulation of α -synuclein causes synaptopathy and progressive neurodegeneration in *Drosophila*. *Brain Commun.* 2021 Mar 22;3(2):fcab049. eCollection 2021. PMID: 33997781. Nivå 1
17. **Brønneck K, Evald L, Duez CHV, Grejs AM, Jeppesen AN, Kirkegaard H, Nielsen JF, Søreide E.**
Biomarker prognostication of cognitive impairment may be feasible even in out-of-hospital cardiac arrest survivors with good neurological outcome. *Resuscitation.* 2021 Feb 22:S0300-9572(21)00083-6. PMID: 33631291. Nivå 2
18. **Chia R, Sabir MS, Bandres-Ciga S, Saez-Atienzar S, Reynolds RH, Gustavsson E, Walton RL, Ahmed S, Viollet C, Ding J, Makarious MB, Diez-Fairen M, Portley MK, Shah Z, Abramzon Y,**

Hernandez DG, Blauwendraat C, Stone DJ, Eicher J, Parkkinen L, Ansorge O, Clark L, Honig LS, Marder K, Lemstra A, St George-Hyslop P, Londos E, Morgan K, Lashley T, Warner TT, Jaunmuktane Z, Galasko D, Santana I, Tienari PJ, Myllykangas L, Oinas M, Cairns NJ, Morris JC, Halliday GM, Van Deerlin VM, Trojanowski JQ, Grassano M, Calvo A, Mora G, Canosa A, Floris G, Bohannon RC, Brett F, Gan-Or Z, Geiger JT, Moore A, May P, Krüger R, Goldstein DS, Lopez G, Tayebi N, Sidransky E; American Genome Center, Norcliffe-Kaufmann L, Palma JA, Kaufmann H, Shakkottai VG, Perkins M, Newell KL, Gasser T, Schulte C, Landi F, Salvi E, Cusi D, Masliah E, Kim RC, Caraway CA, Monuki ES, Brunetti M, Dawson TM, Rosenthal LS, Albert MS, Pletnikova O, Troncoso JC, Flanagan ME, Mao Q, Bigio EH, Rodríguez-Rodríguez E, Infante J, Lage C, González-Aramburu I, Sanchez-Juan P, Ghetti B, Keith J, Black SE, Masellis M, Rogaeve E, Duyckaerts C, Brice A, Lesage S, Xiromerisiou G, Barrett MJ, Tilley BS, Gentleman S, Logroscino G, Serrano GE, Beach TG, McKeith IG, Thomas AJ, Attems J, Morris CM, Palmer L, Love S, Troakes C, Al-Sarraj S, Hodges AK, Aarsland D, Klein G, Kaiser SM, Woltjer R, Pastor P, Bekris LM, Leverenz JB, Besser LM, Kuzma A, Renton AE, Goate A, Bennett DA, Scherzer CR, Morris HR, Ferrari R, Albani D, Pickering-Brown S, Faber K, Kukull WA, Morenas-Rodriguez E, Lleó A, Fortea J, Alcolea D, Clarimon J, Nalls MA, Ferrucci L, Resnick SM, Tanaka T, Foroud TM, Graff-Radford NR, Wszolek ZK, Ferman T, Boeve BF, Hardy JA, Topol EJ, Torkamani A, Singleton AB, Ryten M, Dickson DW, Chiò A, Ross OA, Gibbs JR, Dalgard CL, Traynor BJ, Scholz SW.

Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. *Nat Genet.* 2021 Feb 15. PMID: 33589841. Nivå 2

19. **Chu CS, Yang FC, Tseng PT, Stubbs B, Dag A, Carvalho AF, Thompson T, Tu YK, Yeh TC, Li DJ, Tsai CK, Chen TY, Ikeda M, Liang CS, Su KP.**

Treatment Efficacy and Acceptability of Pharmacotherapies for Dementia with Lewy Bodies: A Systematic Review and Network Meta-Analysis. *Arch Gerontol Geriatr.* 2021 Sep-Oct;96:104474.. Epub 2021 Jul 2. PMID: 34256210

20. **Creese B, Khan Z, Henley W, O'Dwyer S, Corbett A, Vasconcelos Da Silva M, Mills K, Wright N, Testad I, Aarsland D, Ballard C.**

Loneliness, physical activity, and mental health during COVID-19: a longitudinal analysis of depression and anxiety in adults over the age of 50 between 2015 and 2020. *Int Psychogeriatr.* 2021 May;33(5):505-514. Epub 2020 Dec 17. PMID: 33327988. Nivå 1

21. **Creese B, Arathimos R, Brooker H, Aarsland D, Corbett A, Lewis C, Ballard C, Ismail Z.**

Genetic risk for Alzheimer's disease, cognition, and mild behavioral impairment in healthy older adults. *Alzheimers Dement (Amst).* 2021 Mar 17;13(1):e12164. eCollection 2021. PMID: 33748395. Nivå 1

22. **D'Antonio F, Kane J, Ibañez A, Lewis S, Camicio R, Wang H, Yu Y, Zhang J, Ji Y, Borda M, Mridula Kandadai R, Babiloni C, Bonanni L, Ikeda M, Boeve B, Leverenz J, Aarsland D.** Dementia with Lewy bodies research consortia: a global perspective from the ISTAART Lewy body dementias Professional Interest Area (PIA) working group. *Alzheimers Dement (Amst).* 2021 Sep 14;13(1):e12235. eCollection 2021. PMID: 34541289. Nivå 1

23. DeMichele-Sweet MAA, Klei L, Creese B, Harwood JC, Weamer EA, McClain L, Sims R, Hernandez I, Moreno-Grau S, Tárrega L, Boada M, Alarcón-Martín E, Valero S; NIA-LOAD Family Based Study Consortium, Alzheimer's Disease Genetics Consortium (ADGC), Liu Y, Hooli B, Aarsland D, Selbaek G, Bergh S, Rongve A, Saltvedt I, Skjellegrind HK, Engdahl B, Stordal E, Andreassen OA, Djurovic S, Athanasiu L, Seripa D, Borroni B, Albani D, Forloni G, Mecocci P, Serretti A, De Ronchi D, Politis A, Williams J, Mayeux R, Foroud T, Ruiz A, Ballard C, Holmans P, Lopez OL, Kamboh MI, Devlin B, Sweet RA.
Genome-wide association identifies the first risk loci for psychosis in Alzheimer disease. *Mol Psychiatry*. 2021 Jun 10. Online ahead of print. PMID: 34112972. Nivå 2
24. de Rojas I, Moreno-Grau S, Tesi N, Grenier-Boley B, Andrade V, Jansen IE, Pedersen NL, Stringa N, Zettergren A, Hernández I, Montreal L, Antúnez C, Antonell A, Tankard RM, Bis JC, Sims R, Bellenguez C, Quintela I, González-Perez A, Calero M, Franco-Macías E, Macías J, Blesa R, Cervera-Carles L, Menéndez-González M, Frank-García A, Royo JL, Moreno F, Huerto Vilas R, Baquero M, Diez-Fairen M, Lage C, García-Madrona S, García-González P, Alarcón-Martín E, Valero S, Sotolongo-Grau O, Ullgren A, Naj AC, Lemstra AW, Benaque A, Pérez-Cordón A, Benussi A, Rábano A, Padovani A, Squassina A, de Mendonça A, Arias Pastor A, Kok AAL, Meggy A, Pastor AB, Espinosa A, Corma-Gómez A, Martín Montes A, Sanabria Á, DeStefano AL, Schneider A, Haapasalo A, Kinhult Ståhlbom A, Tybjærg-Hansen A, Hartmann AM, Spottke A, Corbatón-Anchuelo A, Rongve A, Borroni B, Arosio B, Nacmias B, Nordestgaard BG, Kunkle BW, Charbonnier C, Abdelnour C, Masullo C, Martínez Rodríguez C, Muñoz-Fernandez C, Dufouil C, Graff C, Ferreira CB, Chillotti C, Reynolds CA, Fenoglio C, Van Broeckhoven C, Clark C, Pisanu C, Satizabal CL, Holmes C, Buiza-Rueda D, Aarsland D, Rujescu D, Alcolea D, Galimberti D, Wallon D, Seripa D, Grünblatt E, Dardiotis E, Düzel E, Scarpini E, Conti E, Rubino E, Gelpi E, Rodriguez-Rodriguez E, Duron E, Boerwinkle E, Ferri E, Tagliavini F, Küçükali F, Pasquier F, Sanchez-Garcia F, Mangialasche F, Jessen F, Nicolas G, Selbæk G, Ortega G, Chêne G, Hadjigeorgiou G, Rossi G, Spalletta G, Giaccone G, Grande G, Binetti G, Papenberg G, Hampel H, Bailly H, Zetterberg H, Soininen H, Karlsson IK, Alvarez I, Appollonio I, Giegling I, Skoog I, Saltvedt I, Rainero I, Rosas Allende I, Hort J, Diehl-Schmid J, Van Dongen J, Vidal JS, Lehtisalo J, Wiltfang J, Thomassen JQ, Kornhuber J, Haines JL, Vogelgsang J, Pineda JA, Forstea J, Popp J, Deckert J, Buerger K, Morgan K, Fließbach K, Sleegers K, Molina-Porcel L, Kilander L, Weinhold L, Farrer LA, Wang LS, Kleindam L, Farotti L, Parnetti L, Tremolizzo L, Hausner L, Benussi L, Froelich L, Ikram MA, Deniz-Naranjo MC, Tsolaki M, Rosende-Roca M, Löwenmark M, Hulsman M, Spallazzi M, Pericak-Vance MA, Esiri M, Bernal Sánchez-Arjona M, Dalmaso MC, Martínez-Larrad MT, Arcaro M, Nöthen MM, Fernández-Fuertes M, Dichgans M, Ingelsson M, Herrmann MJ, Scherer M, Vyhnaek M, Kosmidis MH, Yannakoulia M, Schmid M, Ewers M, Heneka MT, Wagner M, Scamosci M, Kivipelto M, Hiltunen M, Zulaica M, Alegret M, Fornage M, Roberto N, van Schoor NM, Seidu NM, Banaj N, Armstrong NJ, Scarmeas N, Scherbaum N, Goldhardt O, Hanon O, Peters O, Skrobot OA, Quenez O, Lerch O, Bossù P, Caffarra P, Dionigi Rossi P, Sakka P, Hoffmann P, Holmans PA, Fischer P, Riederer P, Yang Q, Marshall R, Kalara RN, Mayeux R, Vandenberghe R, Cecchetti R, Ghidoni R, Frikke-Schmidt R, Sorbi S, Hägg S, Engelborghs S, Helisalmi S, Botne Sando S, Kern S, Archetti S, Boschi S, Fostinelli S, Gil S, Mendoza S, Mead S, Ciccone S, Djurovic S, Heilmann-Heimbach S, Riedel-Heller S, Kuulasmaa T, Del Ser T, Lebouvier T, Polak T, Ngandu T, Grimmer T, Bessi V, Escott-Price V, Giedraitis V, Deramecourt V, Maier W, Jian X, Pijnenburg YAL; EADB contributors; GR@ACE study group; DEGESCO consortium; IGAP (ADGC, CHARGE, EADI, GERAD); PGC-ALZ consortia, Kehoe PG, Garcia-Ribas G, Sánchez-Juan P, Pastor P, Pérez-Tur J, Piñol-Ripoll G, Lopez de Munain A, Garcia-Alberca JM, Bullido MJ, Álvarez V, Lleó A, Real LM, Mir P, Medina M, Scheltens P, Holstege H, Marquié M, Sáez ME, Carracedo Á, Amouyel P, Schellenberg GD, Williams J, Seshadri S, van Duijn CM, Mather KA, Sánchez-Valle R, Serrano-Ríos M, Orellana A, Tárrega L, Blennow K, Huisman M, Andreassen OA, Posthuma D, Clarimón J, Boada M, van der Flier WM, Ramirez A, Lambert JC, van der Lee SJ, Ruiz A.
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27. **Etminani K, Soliman A, Davidsson A, Chang JR, Martínez-Sanchis B, Byttner S, Camacho V, Bauckneht M, Stegeran R, Ressler M, Agudelo-Cifuentes M, Chincarini A, Brendel M, Rominger A, Bruffaerts R, Vandenberghe R, Kramberger MG, Trost M, Nicastro N, Frisoni GB, Lemstra AW, van Berckel BNM, Pilotto A, Padovani A, Morbelli S, Aarsland D, Nobili F, Garibotto V, Ochoa-Figueroa M.**
A 3D deep learning model to predict the diagnosis of dementia with Lewy bodies, Alzheimer's disease, and mild cognitive impairment using brain 18F-FDG PET. *Eur J Nucl Med Mol Imaging.* 2021 Jul 30. Online ahead of print. PMID: 34328531. Nivå 2
28. **Fernandez QA, Larsen SV, Goodwin MG, Thor O, Kjosavik SR; Oppedal K.**
Improving prostate whole gland segmentation in T2-weighted MRI with synthetically generated data. I: 2021 IEEE 18th International Symposium on Biomedical Imaging (ISBI). IEEE conference proceedings 2021 ISBN 9781665412469. s.1915-1919. Nivå 1.
29. **Ferreira D, Nedelska Z, Graff-Radford J, Przybelski SA, Lesnick TG, Schwarz CG, Botha H, Senjem ML, Fields JA, Knopman DS, Savica R, Ferman TJ, Graff-Radford NR, Lowe VJ, Jack CR, Petersen RC, Lemstra AW, van de Beek M, Barkhof F, Blanc F, Loureiro de Sousa P, Philippi N, Cretin B, Demuyneck C, Hort J, Oppedal K, Boeve BF, Aarsland D, Westman E, Kantarci K.**
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30. **Gibson LL, McKeever A, Cullen AE, Nicholson TR, Aarsland D, Zandi MS, Pollak TA.**
Neuronal surface autoantibodies in dementia: a systematic review and meta-analysis. *J Neurol.* 2021 Aug;268(8):2769-2779. Epub 2020 Apr 18. PMID: 32306172. Nivå 2
31. **Gill, LM, Aarsland D, Vik-Mo AO**
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33. **Handy A, Lord J, Green R, Xu J, Aarsland D, Velayudhan L, Hye A, Dobson R, Proitsi P; Alzheimer's Disease Neuroimaging initiative; and AddNeuroMed, and the GERAD1 Consortium.**
Assessing Genetic Overlap and Causality Between Blood Plasma Proteins and Alzheimer's Disease. *J Alzheimers Dis.* 2021 Aug 25. Online ahead of print. PMID: 34459398. Nivå 1

34. **Hellton KH, Cummings J, Vik-Mo AO, Nordrehaug JE, Aarsland D, Selbaek G, Giil LM.**
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36. **Jaramillo-Jimenez A, Bocanegra Y, Buriticá O, Pineda Salazar DA, Moreno Gómez L, Tobón Quintero CA, Aguirre-Acevedo DC, Sierra Castrillon M, Vasquez D, Velez-Hernandez JE, Borda MG, García-Cifuentes E, Aguillón DF, Madrigal-Zapata L, Aarsland D, Lopera F.**
Subjective Cognitive and Communicative Complaints and Health-Related Quality of Life in Parkinson's Disease with and without Mild Cognitive Impairment. *Rev Colomb Psiquiatr.* 2021 Sep 3:S0034-7450(21)00134-7. Online ahead of print. PMID: 34489098. Nivå 0
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38. **Jaramillo-Jimenez A, Suarez-Revelo JX, Ochoa-Gomez JF, Carmona Arroyave JA, Bocanegra Y, Lopera F, Buriticá O, Pineda-Salazar DA, Moreno Gómez DA, Tobón Quintero DA, Borda MG, Bonanni L, Ffytche DH, Brønneck K, Årsland D.**
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Investigating the effects of impairment in non-verbal communication on neuropsychiatric symptoms and quality of life of people living with dementia. *Alzheimers Dement (N Y).* 2021 May 1;7(1):e12172. eCollection 2021. PMID: 33969179. Nivå 1
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An international, randomized, placebo-controlled, phase 2b clinical trial of intepirdine for dementia with Lewy bodies (HEADWAY-DLB) *Alzheimers Dement (N Y).* 2021 Jun 20;7(1):e12171. eCollection 2021. PMID: 34189249. Nivå 1

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Posterpresentasjoner:

1. **Muntlig presentasjon:** Segmentación de la lengua y el masetero para medición de volumen muscular y grasa intramuscular como marcadores pronósticos en Demencia - XV CONGRESO INTERNACIONAL DE ENVEJECIMIENTO Y VEJEZ. <https://www.acgg.org.co/congreso2021/>
- Prize to the best oral presentation
2. **Muntlig presentasjon:** : Biomarcadores para diagnóstico temprano en demencia por cuerpos de Lewy.- 6° Encuentro de Investigación CIMED y al Primer Simposio Latinoamericano de Investigación traslacional en Envejecimiento, Bogotá 28 y 29 de octubre de 2021.