Using Living Labs To Explore Needs And Solutions For Older Adults With Dementia: A Scoping Review

**Multimedia Appendix 1: Bibliographic database search strategies**

Note: the research strategies were peer reviewed by another information specialist prior to execution.

**Embase.com**

Last Content Update 30 Mar 2020 08:23:02 GMT

March 30, 2020

2347 references found

('cognitive defect'/exp OR 'amnesia'/exp OR 'delirium'/de OR 'aged'/exp OR 'elderly care'/de OR 'geriatric care'/exp OR 'geriatric patient'/de OR 'geriatrics'/exp OR (dementia\* OR "cognitive impair\*" OR "cognitive defect" OR alzheimer OR amnesia OR "neurocognitive disorder\*" OR "cognition disorder\*" OR "traumatic psychose\*" OR Korsakoff OR Huntington OR "Lewy Body" OR delirium OR elder\* OR eldest OR geriatr\* OR "old age\*" OR (older NEXT/1 (patient\* OR people OR subject\* OR age\* OR adult\* OR man OR men OR woman OR women OR population\* OR person\*)) OR aging OR ageing OR senior\* OR "late life"):ab,ti,kw) AND ('participatory research'/de OR ("living lab\*" OR co-creat\* OR cocreat\* OR co-design\* OR codesign\* OR co-research\* OR co-conception OR ((co-produc\* OR co-develop\*) AND (research\* OR model\* OR technolog\*)) OR (participatory NEAR/4 (research OR design)) OR (iterative NEXT/3 design\*) OR "designing technolog\*" OR (innovation NEXT/3 communit\*) OR "user innovation" OR "community pilot" OR "experimental lab\*"):ab,ti,kw)

**Medline Ovid SP**

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 1946 to March 23, 2020

March 25, 2020

2920 references found

(exp "Neurocognitive Disorders"/ OR exp aged/ OR "Geriatric Nursing"/ OR "Geriatrics"/ OR "Geriatric Psychiatry"/ OR (dementia\* OR "cognitive impair\*" OR "cognitive defect" OR alzheimer OR amnesia OR "neurocognitive disorder\*" OR "cognition disorder\*" OR "traumatic psychose\*" OR Korsakoff OR Huntington OR "Lewy Body" OR delirium OR elder\* OR eldest OR geriatr\* OR "old age\*" OR (older ADJ1 (patient\* OR people OR subject\* OR age\* OR adult\* OR man OR men OR woman OR women OR population\* OR person\*)) OR aging OR ageing OR senior\* OR "late life").ab,ti,kf.) AND (exp "Community-Based Participatory Research"/ OR ("living lab\*" OR co-creat\* OR cocreat\* OR co-design\* OR codesign\* OR co-research\* OR co-conception OR ((co-produc\* OR co-develop\*) AND (research\* OR model\* OR technolog\*)) OR (participatory ADJ3 (research OR design)) OR (iterative ADJ3 design\*) OR "designing technolog\*" OR (innovation ADJ3 communit\*) OR "user innovation" OR "community pilot" OR "experimental lab\*").ab,ti,kf.)

**PubMed**

March 30, 2020

456 references found

Limit : NOT medline[sb]

(dementia\*[tiab] OR "cognitive impair\*"[tiab] OR "cognitive defect"[tiab] OR alzheimer[tiab] OR amnesia[tiab] OR "neurocognitive disorder\*"[tiab] OR "cognition disorder\*"[tiab] OR "traumatic psychose\*"[tiab] OR Korsakoff[tiab] OR Huntington[tiab] OR "Lewy Body"[tiab] OR delirium[tiab] OR elder\*[tiab] OR eldest[tiab] OR geriatr\*[tiab] OR "old age\*"[tiab] OR (older[tiab] AND (patient\*[tiab] OR people[tiab] OR subject\*[tiab] OR age\*[tiab] OR adult\*[tiab] OR man[tiab] OR men[tiab] OR woman[tiab] OR women[tiab] OR population\*[tiab] OR person\*[tiab)) OR aging[tiab] OR ageing[tiab] OR senior\*[tiab] OR "late life"[tiab) AND ("living lab\*"[tiab] OR co-creat\*[tiab] OR cocreat\*[tiab] OR co-design\*[tiab] OR codesign\*[tiab] OR co-research\*[tiab] OR co-conception[tiab] OR ((co-produc\*[tiab] OR co-develop\*[tiab) AND (research\*[tiab] OR model\*[tiab] OR technolog\*[tiab)) OR (participatory[tiab] AND (research[tiab] OR design[tiab)) OR (iterative[tiab] AND design\*[tiab) OR "designing technolog\*"[tiab] OR (innovation[tiab] AND communit\*[tiab) OR "user innovation"[tiab] OR "community pilot"[tiab] OR "experimental lab\*"[tiab) NOT medline[sb]

**CINAHL EBSCO**

March 30, 2020

1316 references found

(MH "Delirium, Dementia, Amnestic, Cognitive Disorders+" OR MH "Alzheimer's Disease" OR MH "Aged+" OR MH "Gerontologic Care" OR MH "Gerontologic Nursing+" OR MH "Geriatrics" OR MH "Geriatric Psychiatry" OR TI (dementia\* OR "cognitive impair\*" OR "cognitive defect" OR alzheimer OR amnesia OR "neurocognitive disorder\*" OR "cognition disorder\*" OR "traumatic psychose\*" OR Korsakoff OR Huntington OR "Lewy Body" OR delirium OR elder\* OR eldest OR geriatr\* OR "old age\*" OR (older W1 (patient\* OR people OR subject\* OR age\* OR adult\* OR man OR men OR woman OR women OR population\* OR person\*)) OR aging OR ageing OR senior\* OR "late life") OR AB (dementia\* OR "cognitive impair\*" OR "cognitive defect" OR alzheimer OR amnesia OR "neurocognitive disorder\*" OR "cognition disorder\*" OR "traumatic psychose\*" OR Korsakoff OR Huntington OR "Lewy Body" OR delirium OR elder\* OR eldest OR geriatr\* OR "old age\*" OR (older W1 (patient\* OR people OR subject\* OR age\* OR adult\* OR man OR men OR woman OR women OR population\* OR person\*)) OR aging OR ageing OR senior\* OR "late life")) AND (TI ("living lab\*" OR co-creat\* OR cocreat\* OR co-design\* OR codesign\* OR co-research\* OR co-conception OR ((co-produc\* OR co-develop\*) AND (research\* OR model\* OR technolog\*)) OR (participatory N4 (research OR design)) OR (iterative N4 design\*) OR "designing technolog\*" OR (innovation W4 communit\*) OR "user innovation" OR "community pilot" OR "experimental lab\*") OR AB ("living lab\*" OR co-creat\* OR cocreat\* OR co-design\* OR codesign\* OR co-research\* OR co-conception OR ((co-produc\* OR co-develop\*) AND (research\* OR model\* OR technolog\*)) OR (participatory N4 (research OR design)) OR (iterative N4 design) OR "designing technolog\*" OR (innovation W4 communit\*) OR "user innovation" OR "community pilot" OR "experimental lab\*"))

**APA PsycINFO OVID SP**

APA PsycInfo 1806 to March Week 4 2020

March 30, 2020

590 references found

(neurocognitive disorders/ OR exp dementia/ OR alzheimer's disease/ OR cognitive impairment/ OR exp Amnesia/ OR delirium/ OR geriatric patients/ OR exp geriatrics/ OR elder care/ OR exp aging/ OR (dementia\* OR "cognitive impair\*" OR "cognitive defect" OR alzheimer OR amnesia OR "neurocognitive disorder\*" OR "cognition disorder\*" OR "traumatic psychose\*" OR Korsakoff OR Huntington OR "Lewy Body" OR delirium OR elder\* OR eldest OR geriatr\* OR "old age\*" OR (older ADJ1 (patient\* OR people OR subject\* OR age\* OR adult\* OR man OR men OR woman OR women OR population\* OR person\*)) OR aging OR ageing OR senior\* OR "late life").ab,ti.) AND ("living lab\*" OR co-creat\* OR cocreat\* OR co-design\* OR codesign\* OR co-research\* OR co-conception OR ((co-produc\* OR co-develop\*) AND (research\* OR model\* OR technolog\*)) OR (participatory ADJ3 (research OR design)) OR (iterative ADJ3 design\*) OR "designing technolog\*" OR (innovation ADJ3 communit\*) OR "user innovation" OR "community pilot" OR "experimental lab\*").ab,ti.

**Web Of Science – Core Collection**

March 30, 2020

1870 references found

TS=(dementia\* OR "cognitive impair\*" OR "cognitive defect" OR "alzheimer" OR "amnesia" OR "neurocognitive disorder\*" OR "cognition disorder\*" OR "traumatic psychose\*" OR "Korsakoff" OR "Huntington" OR "Lewy Body" OR "delirium" OR elder\* OR "eldest" OR geriatr\* OR "old age\*" OR ("older" NEAR/1 (patient\* OR "people" OR subject\* OR age\* OR adult\* OR "man" OR "men" OR "woman" OR "women" OR population\* OR person\*)) OR "aging" OR "ageing" OR senior\* OR "late life") AND TS=("living lab\*" OR co-creat\* OR cocreat\* OR co-design\* OR codesign\* OR co-research\* OR "co-conception" OR ((co-produc\* OR co-develop\*) AND (research\* OR model\* OR technolog\*)) OR ("participatory" NEAR/4 ("research" OR "design")) OR ("iterative" NEAR/4 design\*) OR "designing technolog\*" OR ("innovation" NEAR/4 communit\*) OR "user innovation" OR "community pilot" OR "experimental lab\*")

**Google Scholar**

March 24, 2020

Search options

* Since 2016
* Do not include patents
* Do not include citations

dementia| "living lab"|"living labs"

200 first references consulted

démence "living lab"|"living labs"

19 references found