# Table 1. The search strategy to be used in PubMed

| Number | Search terms |
|--------|--------------|
| #1     | Minocycline [MeSH term] |
| #2     | Minocycline [All fields] |
| #3     | #1 OR #2 |
| #4     | neurology [MeSH term] OR child developmental disorder, pervasive [MeSH term] OR dementia [MeSH term] OR amyotrophic lateral sclerosis [MeSH term] OR multiple sclerosis [MeSH term] OR neurodegenerative diseases [MeSH term] OR migraine disorders [MeSH term] OR headache disorders [MeSH term] OR brain injury, traumatic [MeSH term] OR cerebrovascular disorders [MeSH term] OR epilepsy [MeSH term] OR seizures [MeSH term] OR ischaemia [MeSH term] OR psychiatry [MeSH term] OR mental disorders [MeSH term] OR anxiety [MeSH term] OR kleptomania [MeSH term] OR nail biting [MeSH term] OR cannabis [MeSH term] OR benzodiazepines [MeSH term] OR nicotine [MeSH term] OR analgesics, opioid [MeSH term] OR cocaine [MeSH term] OR heroin [MeSH term] OR methamphetamine [MeSH term] OR amphetamine [MeSH term] OR methylphenidate [MeSH term] OR substance-related disorders [MeSH term] |
| #5     | “neurological disorder” OR neurology OR autism OR “autistic disorder” OR ASD OR Asperger’s OR “Asperger Syndrome” OR “pervasive developmental disorder” OR “Alzheimer’s disease” OR dementia OR “amyotrophic lateral sclerosis” OR ALS OR seizures OR epilepsy OR “traumatic brain injury” OR TB OR stroke OR ischaemia OR haemorrhage OR neuropathy OR “peripheral neuropathy” OR neurodegenerative OR “Parkinson disease” OR “Huntington disease” OR “brain injury” OR “multiple sclerosis” OR “spinal cord injury” OR migraine OR headache OR “psychiatric disorder” OR “mental illness” OR “mental disorders” OR anxiety OR addiction OR “major depressive disorder” OR “major depression” OR “depressive disorder” OR MDD OR “bipolar I disorder” OR “bipolar II disorder” OR “bipolar disorder” OR “bipolar depression” OR mania OR “manic disorder” OR “manic state” OR hypo-mania OR psychosis OR “psychotic disorders” OR schizophrenia OR “schizoaffective disorder” OR “panic disorder” OR “social anxiety disorder” OR “posttraumatic stress disorder” OR “generalised anxiety disorder” OR OCD OR “personality disorder” OR “obsessive compulsive disorder” OR “obsessive-compulsive disorder” OR “obsessive-compulsive neurosis” OR “obsessive-compulsive neuroses” OR “attention deficit hyperactivity disorder” OR ADHD OR trauma OR “stress disorders” OR “post traumatic” OR “feeding disorder” OR “appetite disorder” OR disruptive, impulse control, and conduct disorders OR “eating disorder” OR “binge eating disorder” OR “bulimia nervosa” OR “anorexia nervosa” OR “other specified feeding and eating disorder” OR methylphenidate OR amphetamine OR methamphetamine OR cocaine OR cannabinoids OR marijuana OR heroin OR “prescription pills” OR opioids OR benzodiazepine OR nicotine OR tobacco OR “pathological gambling” OR “skin picking” OR “impulse control disorder” OR kleptomania [All fields] |
| #6     | #4 OR #5 |
| #7     | RCT or trial or “clinical trial” or “randomised controlled trial” or “randomized controlled trial” [All fields] |
| #8     | Clinical Trial [Publication Type] |
| #9     | #7 OR #8 |
| #10    | #3 AND #6 AND #9 |
| #11    | #3 AND #6 AND #9 [Filters: English] |