2012 July Index & dictionary

A few definitions to help you along-

**Acute –** the immediate, usually short term, effect

**Adipose** - fat

**Agonist** – a chemical that activates a receptor

**Analgesic** – pain killing

**Analogue** – a synthetic version

**Anandamide** - A “messenger chemical” made by your body – similar to THC

**Angiogenesis** - making new blood vessels, often to feed a tumor

**Antagonist** – a chemical that blocks the action of an agonist

**Anti-nociception**- pain relieving

**Anxiolytic** – calming, anti-anxiety

**Apoptosis** - a process that leads to the normally programed death of a cell.

**Autophagy** – the cell self-destructs

**Beta amyloid plaque / β-amyloid/ Aβ** – the stuff that gums up your brain in Alzheimer’s

**Bronchodilator** – opens up the lungs

**Cannabidiol/CBD** – the #2 compound in cannabis, no high, purely medicinal effects

**Cannabinoids** –they activate CB receptors and come from your body, cannabis or labs.

**Carcinoma** - cancer

**Cesamet/ Nabilone -** a synthetic THC pill

**Chronic** – long term and constant

**Decarboxylation** – a way to turn THCA into THC by gently heating the cannabis

**Downregulation** – a decrease in number

**Dronabinol/ Marinol** – a synthetic version of THC that has caused a 4 deaths

**Emesis** - vomiting

**Endocannabinoid** – a chemical messenger made by your body- anandamide and 2-AG

**Endocannabinoid System** – a system of chemical receptors on and between your cells

**Endogenous** – made in your own body

**Epidermal** – pertaining to the skin

**Hepatic** – having to do with the liver

**Hyperalgesia** – severe pain

**Hyperemesis** – severe vomiting

**In vivo** – in a live animal

**In vitro** – in a test tube

**Ischemia** – damage from lack of blood to an area

**Ligand** - a chemical that binds to a receptor. THC is a ligand of CB1 and CB2 receptors

**Lipids** – fats and oils

**Marinol / dronabinol** – a synthetic version of THC that has caused a 4 deaths

**Metastasis** – spreading through the body

**Nabilone/ Cesamet -** a synthetic THC pill

**Neurogenesis** – new brain cells are being formed

**Neuropathic Pain** – paindue to nerve injury

**Neuroprotective** – protects nerves and brain cells

**Nonpsychoactive** – won’t get you high

**Osteoblast** – a type of cell that makes new bone

**Osteoclast** – a type of cell that breaks down bone

**Ovariectomized** – Having had the ovaries removed, usually for menopause studies

**Phytocannabinoid** – a cannabinoid produced by a plant – THC and CBD are examples

**Prions** – they cause Mad Cow Disease

**Pulmonary -** having to do with the lungs

**Receptors** - These receive the chemical messages and send them into our cells.

**Renal** – having to do with the kidneys

**Retinal -** having to do with the retina in the eye

**Terpenes** – found in many plants including cannabis, they augment the effects of cannabinoids

**Tinctures** – An easy-to-make liquid extract of an herb made with alcohol or glycerin.

**Upregulation** – increase in number

**Vasodilator** – expands the blood vessels

(Because of variations in printers, the page numbers may be one or two off, if you make yourself a printed copy.)

# THE INDEX - July 2012

Introduction............................................................................................. ........................................1

ACEA/ ARACHIDONYL-2'-CHLOROETHYLAMIDE………………..……………………… 2

ACHILLES TENDINOSIS………………………………………………………………………..4

ACNE……………………………………..………………………….……………………………5

ADD/ ADHD...................................................................................................................................5

ADDICTION……...........................................................................................................................7

2-AG /2-ARACHIDONOYLGLYCEROL…………………………………………………..….10

2-AGE/ 2-ARACHIDONYL GLYCERYL ETHER/ NOLADIN ETHER……….………….….24

AGING/ USE BY SENIORS ........................................................................................................25

AIDS – see HIV

AJULEMIC ACID.........................................................................................................................29

ALCOHOLISM/ ALCOHOL........................................................................................................30

ALLERGIES AND CANNABIS.................................................................................. .…….......35

ALLERGIES TO CANNABIS…………………………………………………………..………37

ALS / AMYOTROPHIC LATERAL SCLEROSIS......................................................................37

ALZHEIMER'S DISEASE............................................................................................................40

AM- 251.........................................................................................................................................47

AM-281…………………………………………………………………………………………..53

AM-404..........................................................................................................................................54

AM-630..........................................................................................................................................55

AM -678 - see JWH -100

AM-694…………………………………………………………………………………………..56

AM-1241........................................................................................................................................56

AM-1346........................................................................................................................................58

AM-1710…………………………………………………………………………………………59

AM- 2201……………………………………………………………………………………...…59

AM- 2233………………………………………………………………………...………………59

AM- 4054.......................................................................................................................................60

AM- 4113.......................................................................................................................................60

AM- 6545………………………………………...………………………………………………60

AM-6701…………………………………………………………………………………………61

AM-6702…………………………………………………………………………………………61

AMOTIVATIONAL SYNDROME..............................................................................................61

AMYRIN……...…………………………………………………………………………………62

ANANDAMIDE............................................................................................................................62

ANECDOTAL / PERSONAL STORIES......................................................................................86

ANOREXIA NERVOSA - also see APPETITE STIMULANT.............................................................91

ANTI-BACTERIAL PROPERTIES..............................................................................................93

ANTI-FUNGAL PROPERTIES....................................................................................................95

ANTI-INFLAMMATORY PROPERTIES............................................................................. ….95

ANTIMICROBIAL PROPERTIES………………………………………….………....………104 ANTIOXIDANT PROPERTIES.................................................................................................104

ANXIOLYTIC EFFECTS...........................................................................................................106

APPETITE STIMULANT...........................................................................................................111

ARACHIDONYL-2'-CHLOROETHYLAMIDE- see ACEA

2-ARACHIDONOYLGLYCEROL- see 2-AG ARTHRITIS.................................................................................................................................121

AS- 1535907……………………………………………………………………………..….….126

AS-1907417………………………………………………………………………………...…..126

ASTHMA.....................................................................................................................................126

ATHEROSCLEROSIS................................................................................................................128 AUTISM......................................................................................................................................131

BACK PAIN................................................................................................................................133

BAY- 7271- see KN38-7271

BETA-CARYOPHYLENE/ (E)-BCP.........................................................................................133

BIPOLAR DISORDER...............................................................................................................134

BLADDER/ URINARY FUNCTIONS.......................................................................................135 BLEPHAROSPASM...................................................................................................................137 BLOOD........................................................................................................................................137

BLOOD PRESSURE...................................................................................................................138

BONES- see OSTEOPOROSIS

BONE MARROW…………………………………….. ………………………………………141

BOWEL DISORDERS - also see GERD, COLITIS.........................................................................141

BRAIN CELLS- see NEURONS

BRAIN- PHYSICAL EFFECTS.................................................................................................150

BRAIN TRAUMA.......................................................................................................................152

BREASTFEEDING/ INFANT APPETITE.................................................................................155

BULIMIA………………………………………………………………………………...…….156

CANCER – ADRENAL CORTEX…………………………………………………………….157

CANCER – BASAL CELL CARCINOMA - see CANCER – SKIN

CANCER – BLADDER / URETHRAL……………………………………….……………….157

CANCER- BONE........................................................................................................................158

CANCER- BREAST....................................................................................................................158

CANCER- CERVICAL...............................................................................................................162

CANCER- CHEMOTHERAPY- see CHEMOTHERAPY

CANCER- CHOLANGIOCARCINOMA...................................................................................163

CANCER- COLON /COLORECTAL.........................................................................................164

CANCER – ENDOMETRIAL……………………………………………………………...….166

CANCER- GASTRIC..................................................................................................................167

CANCER- GLIOMA...................................................................................................................167

CANCER- HEAD AND NECK..................................................................................................173

CANCER- KAPOSI'S SARCOMA............................................................................................173

CANCER – KIDNEY………………………………………………………………….……….174

CANCER- LEUKEMIA..............................................................................................................174

CANCER – LIVER…………………………………………………………………………….175

CANCER- LUNG.......................................................................................................................176

CANCER- LYMPHOMA...........................................................................................................179

CANCER- MELANOMA...........................................................................................................180

CANCER - NEUROBLASTOMA..............................................................................................181

CANCER- ORAL........................................................................................................................182

CANCER- OVARIAN.................................................................................................................183

CANCER- PANCREATIC..........................................................................................................183

CANCER- PITUITARY ADENOMA........................................................................................184

CANCER – PNET / PRIMITIVE NEUROECTODERMAL TUMOR…………………..……184

CANCER- PROSTATE...............................................................................................................184

CANCER - RHABDOMYOSARCOMA....................................................................................187

CANCER- RISK CANNABIS VS TOBACCO..........................................................................187

CANCER- SKIN..........................................................................................................................188

CANCER - SQUAMOUS CELL CARCINOMA…………………………………...…………188

CANCER- TESTICULAR...........................................................................................................189

CANCER - THYMOMA.............................................................................................................189

CANCER- THYROID.................................................................................................................190

CANCER- VARIOUS/ UNNAMED...........................................................................................190 CANNABICHROMENE/ CBC...................................................................................................198

CANNABIDIOL/ CBD...............................................................................................................200

CANNABIDIOLIC ACID/ CBDA…………………………...………………………...………224

CANNABIGEROL / CBG...........................................................................................................225

CANNABINOID HYPEREMESIS SYNDROME……………………………………….……227

CANNABINOID RECEPTORS - see ENDOCANNABINOID SYSTEM, CBRs

CANNABINOL…………………………………………………………………...……………229

CANNABINOR…………………………………………………………...……………………229

CANNADOR...............................................................................................................................230

CARDIOVASCULAR- see HEART DISEASE

CARPAL TUNNEL SYNDROME…………………………………………………………….230

CBR- CB 1 RECEPTORS-..........................................................................................................231

CBR – CB 2 RECEPTORS………….........................................................................................260

CBR– GPR 40 RECEPTORS…………………………….…...…...…………………………...279

CBR – GPR 55/ CB 3 RECEPTORS...........................................................................................280

CBR - GPR109 RECEPTORS.....................................................................................................284

CBR – GPR 119 RECEPTORS...................................................................................................284

CELIAC DISEASE……………………………………………………………………………..285

CEREBRAL PALSY…………………………………………………………………………...286

CESAMET- see NABILONE

CHEMICAL COMPOSITION....................................................................................................296

CHEMOTHERAPY.....................................................................................................................301

CHILDREN/ YOUNG ADULTS................................................................................................310

CHOLERA…………………………………………………………………………………...…310

CHOLESTEROL…………………………………………...…………………………….…….310

CHRONIC FATIGUE SYNDROME/ MYALGIC ENCEPHALOMYELITIS…..……………311

COGNATIVE EFFECTS- see IQ

COLITUS……………………………………………………………………………………….312

COPD/ LUNG FUNCTION........................................................................................................313

COUGH.......................................................................................................................................315

COWPOX………………………………………………………………………………………315

CP- 47,497...................................................................................................................................316

CP -50,556-1 / LEVONANTRADOL…………...………………………………………..……317

CP- 55,940...................................................................................................................................318

CRA- 13…………………………………………………………………………..……….……322

CROHN'S – also see BOWEL DISORDERS………………………………………………………..………….323

CRUETZFELDT-JACOB DISEASE- see MAD COW DISEASE

CT-3 – also see AJULMIC ACID.......................................................................................................324

CYSTIC FIBROSIS.....................................................................................................................324

CYSTITIS....................................................................................................................................225

DENTISTRY - see TEETH

DEPRESSION.............................................................................................................................325

DERMATITIS.............................................................................................................................330

DEXANABINOL - see HU-211

DIABETES..................................................................................................................................322

DOWN’S SYNDROME……………………………………………………………..…………340

DRIVING AND CANNABIS......................................................................................................340

DRONABINOL...........................................................................................................................343

DRUG INTERACTIONS- see INTERACTIONS WITH OTHER DRUGS

DRUG TESTING........................................................................................................................348

DRUG TESTING - BLOOD.......................................................................................................348

DRUG TESTING – BREATH TEST…………………………………………..………………352

DRUG TESTING - HAIR...........................................................................................................354

DRUG TESTING- OTHER.........................................................................................................356

DRUG TESTING - ORAL..........................................................................................................357

DRUG TESTING - URINE.........................................................................................................359

DYSKINESIA…………………………………………………………………………………..365

DYSTONIA.................................................................................................................................366

ECZEMA....................................................................................................................................367

EDEMA........................................................................................................................... ……..368

EHLERS-DANLOS SYNDROME.............................................................................................368

ELMIRIC ACIDS........................................................................................................................386

ENCEPHALITUS........................................................................................................................369

ENCEPHALOMYELITIS/ EAE................................................................................................369

ENDOCANNABINOIDS............................................................................................................371

ENDOCANNABINOID SYSTEM – also see CBRs…..................................................................380 ENDOMETRIOSIS.....................................................................................................................402

EPILEPSY...................................................................................................................................403

FAMILIAL MEDITERRANEAN FEVER................................................................................410

FERTILITY................................................................................................................................410

FEVER/ TEMPERATURE CONTROL.....................................................................................412

FIBROMYALGIA......................................................................................................................415

FLU / INFLUENZA....................................................................................................................417

GATEWAY THEORY................................................................................................................417

GENDER-BASED DIFFERENCES...........................................................................................419

GERD/GASTRO-ESOPHAGEAL REFLUX DISEASE............................................................423

GLAUCOMA..............................................................................................................................424

GOUT……………………………………………………………………………………..……428

GRANULOMA…………………………………………………………………………………429

GRAVE'S DISEASE...................................................................................................................429

GWP- 42006……………………………………………………………………………...…….430

GYNOCOLOGY AND OBSTETRICS.......................................................................................430

HAIR............................................................................................................................................432

HEADACHE- see MIGRAINE

HEARING also see TINNITUS........................................................................................................433

HEART DISEASE/ CARDIOVASCULAR................................................................................433

HEMOPHILIA – A……………………………………………………………………………..443

HEMORRHAGIC SHOCK…………………………………………...……………………..…444

HEPATITIS.................................................................................................................................444

HEREDITARY MULTIPLE EXTOSES……………………………………………………….446

HERPES VIRUS..........................................................................................................................446

HEXAHYDROCANNABINOLS................................................................................................447

HICCUPS.....................................................................................................................................447

HISTORICAL STUDIES -PRE 1937..........................................................................................448

HISTORY- ANCIENT USE........................................................................................................451

HISTORY-1937 TO PRESENT..................................................................................................453

HIV / AIDS..................................................................................................................................458

HORMONES...............................................................................................................................462

HPV/ HUMAN PAPILLOMA VIRUS.......................................................................................466

HU-210........................................................................................................................................466

HU-211........................................................................................................................................471

HU-239- see Ajulemic Acid

HU-308........................................................................................................................................472

HU-310…………………………………………………………………………………………473

HU-320........................................................................................................................................473

HU-331........................................................................................................................................474

HU-910…………………………………………………………………………………………474

HUNTINGTON'S DISEASE......................................................................................................478

HYPEREMESIS - see CANNABINOID HYPEREMESIS SYNDROME

HYSTERECTOMY.....................................................................................................................481

IBS – also see BOWEL DISORDERS……………………………………………………...…………………….482

IDIOPATHIC INTRACRANIAL HYPERTENSION................................................................483

IDRASIL………………………………………………………………………………………..483

IMMUNE SYSTEM....................................................................................................................484

INCONTINENCE - see BLADDER OVERACTIVITY

INDICATIONS AND CLINICAL USES....................................................................................487

INFLUENZA-see FLU

INJURIES - see WOUNDS/ INJURIES

INTERACTIONS WITH OTHER DRUGS................................................................................489

31 - IP 751 see AJULEMIC ACID

ISAAC’S SYNDROME/ ACQUIRED NEUROMYOTONIA…………………………………499

IQ/ MEMORY/ COGNATIVE EFFECTS..................................................................................499

JWH-015......................................................................................................................................506

JWH-018......................................................................................................................................508

JWH-073......................................................................................................................................511

JWH-100 / AM -678……………………………………………………………………………513

JWH- 122………………………………………………………………………...……………..513

JWH-133......................................................................................................................................514

JWH– 150……………………………………………………………………………...……….517

JWH- 210……………………………………………………………………………………….517

KIDNEYS....................................................................................................................................517

KN38-7271/ BAY- 7271………………………………………………………………………..519

KNOCK-OUT MICE………………………………… ………………………………………519

L-α-LYSOPHOSPHATIDYLINOSITOL……………………………………………………...523

LBP- 1…………………………………………………………………………………..………524

LEGIONAIRES DISEASE……………………………………………………………………..524

LEISHMANIASIS.......................................................................................................................524

LIVER - NON HEPATITIS.........................................................................................................524

LONG TERM USE EFFECTS....................................................................................................530

LUNG FUNCTION.....................................................................................................................532

LUPUS.........................................................................................................................................534

LYME DISEASE………………………………………………………………………….……535

MACULAR DEGENERATION………………………………………………………...……..535

MAD COW/ CRUETZFELDT-JACOB DISEASE....................................................................535

MARINOL...................................................................................................................................536

MDA 19…………………………………………………………………………………..…….538

MEIGE'S SYNDROME..............................................................................................................538

MEMORY- see IQ

MENIERE'S SYNDROME.........................................................................................................538

MENINGITIS..............................................................................................................................539MENOPAUSE also see AGING, GYNOCOLOGY…..........................................................................539

MENTAL DISORDERS - see SCHIZOPHRENIA

METHODS OF USE – BREATH STRIPS……………………………………………………540

METHODS OF USE- CAPSULES........................................................................ ....................540

METHODS OF USE – DECARBOXYLATION………………...…………………….………541

METHODS OF USE- E-CIGARETTES………………………………………………………541

METHODS OF USE- EDIBLES.................................................................................................542

METHODS OF USE- EDIBLES - BEVERAGES......................................................................544

METHODS OF USE- EDIBLES - FOODS...............................................................................545

METHODS OF USE- EDIBLES – RAW UNHEATED……………………………………….546

METHODS OF USE - INHALERS…………………………………………..………………547

METHODS OF USE - INJECTION............................................................................................547

METHODS OF USE - NASAL SPRAYS...................................................................................548

METHODS OF USE – ORO-MUCOSAL SPRAYS………………………………………..…548

METHODS OF USE – RSO / RICK SIMPSON’S OIL……………………………...………..549

METHODS OF USE - SMOKING.............................................................................................549

METHODS OF USE - SUPPOSITORIES..................................................................................553

METHODS OF USE - TINCTURES..........................................................................................554

METHODS OF USE - TOPICAL OINTMENTS.......................................................................555

METHODS OF USE -TRANSDERMAL PATCH.....................................................................557

METHODS OF USE - VAPORIZERS.......................................................................................558

METHODS OF USE- VARIOUS...............................................................................................559

MIGRAINE/ HEADACHE.........................................................................................................560

MISCELLANEOUS STUFF.......................................................................................................562

MORNING SICKNESS..............................................................................................................572

MORTALITY RATES................................................................................................................572

MOTION SICKNESS..................................................................................................................574

MRSA/ METHICILLIN-RESISTANT STAPHLOCOCCUS AUREUS...................................576

MULTIPLE SCLEROSIS/ MS....................................................................................................576

MUSCLE RELAXANT...............................................................................................................588

MUSCULAR DYSTROPHY/ MD..............................................................................................589

MYCLONUS DIAPHRAMIC FLUTTER…………………………………………..…………589

NABILONE.................................................................................................................................589

NAIL-PATELLA SYNDROME…………………………………………………...…………..595

NAUSEA.....................................................................................................................................595

NEURONS/ BRAIN CELLS.......................................................................................................602

NEUROPATHIC PAIN...............................................................................................................609

NEUROPROTECTANT..............................................................................................................616

NIEMANN-PICK DISEASE.......................................................................................................622

NIGHT SWEATS………………………………………………………………………...…….623

NUTRITION - GENERAL..........................................................................................................623

NUTRITION - HEMP SEED......................................................................................................624

NUTRITION - HEMP SEED OIL...............................................................................................627

O-1602………………………………………………………………………………………….630

O-1966………………………………………………………………………………………….631

O-2050………………………………………………………………………………………….631

OBESITY.....................................................................................................................................631

OBSESSIVE COMPULSIVE DISORDER.................................................................................640

OLEOYLETHANOLAMINE / OEA………………………………...………………………..641

OMEGA-3/ CB1 CONNECTION ………………………………………..……………...…….644

ORGAN TRANSPLANTS..........................................................................................................645

OSTEOPOROSIS/ BONES.........................................................................................................647

OVERDOSES OF CANNABINOIDS........................................................................................650

OVERVIEWS.............................................................................................................................651

PAIN............................................................................................................................................653

PANCREAS /PANCRATITIS....................................................................................................664

PARKINSON'S DISEASE..........................................................................................................665

PERINATAL HYPOXIC-ISCHEMIC INJURY……………………………………………….669

PATENTS RELATED TO CANNABIS.....................................................................................669

PEA – PALMITOYLETHANOLAMIDE……………………………………………………...675

PHARC…………………………………………………………………………………………679

PHYTOCANNABINOIDS / PLANT EXTRACTS....................................................................679

POISONING – ORGANOPHOSPHATE………………………………...…………………….685

POISONING – PARAQUAT………………………………………………………………..…685

PORPHYRIA………………………………………………………………………………...…686

POST-OPERATIVE PAIN..........................................................................................................686

POST POLIO SYNDROME…………………………………………..……………………….688

POST TRAUMATIC STRESS DISORDER/ PTSD...................................................................688

PRADER WILLI SYNDROME…………………………………………………..……………692

PREGNANCY/ PRENATAL EXPOSURE................................................................................692

PRIONS.......................................................................................................................................699

PROXIMAL MYOTONIC MYOPATHY / PROMM................................................................699

PRURITIS (chronic itch).............................................................................................................699 PSORIASIS.................................................................................................................................701

QUITTING CANNABIS……………………………………………………………………….702

QUITTING OTHER DRUGS......................................................................................................703

RADIATION-INDUCED NAUSEA...........................................................................................707

RADIATION SICKNESS…………………………………………..………………..………...707

REFLEX SYMPATHETIC DYSTROPHY……………………………………………………708

RESTLESS LEG SYNDROME..................................................................................................708

RETINITIS PIGMENTOSA……………………………………………………………………709

RIMONABANT..........................................................................................................................709

R(+)-METHANANANDAMIDE....................................................................................………715

RWJ- 400065.............................................................................................................................. 718

S-444823………………………………………………………………………………………..718

SAFETY AS A MEDICINE........................................................................................................718

SAFETY-ADULTERANTS/ CONTAMINANTS......................................................................721

SATIVEX....................................................................................................................................723

SCHIZOPHRENIA/ MENTAL DISORDERS............................................................................726

SCLERODERMA........................................................................................................................735

SEPTIC SHOCK..........................................................................................................................735

SICKLE CELL DISEASE...........................................................................................................735 SINUSITIS.........................................................................................................................……..737

SLEEPING SICKNESS/ TRYPANOSOMIASIS………………..………………………….....737

SLEEP MODULATION..............................................................................................................737

SMALLPOX……………………………………………………..…………………………..…741

SMELL / ODOR DETECTION…………………………...……………………………………741

SMOKED CANNABIS AS A MEDICATION...........................................................................742

SOCIAL ADJUSTMENT/ BEHAVIOR.....................................................................................746 SPASTICITY................................................................................................................... …..….749

SPICE………………………………………………...…………………………………………753

SPINAL CORD INJURY............................................................................................................757

SPLEEN……………………………………………………………………………………...…759

STEM CELLS……………………………………………………………………..……………761

STIFF PERSON SYNDROME………………………………………………...………………761

STRESS……………………………………………………………………..………………….761

STORAGE……………………………………………………………………...………………763

STROKE......................................................................................................................................764

STUTTERING………………………………………………………………………………….767

SUNBURN…………………………………………………………………….………………768

TAK - 875………………………………………………………………………………………768

TAK – 937…………………………………………………………...…………………………768

TASTE………………………………………………………………….………………………769

TAXONOMY/ GENETICS OF CANNABIS.............................................................................770

TEA AS MEDICINE...................................................................................................................774

TEETH /DENTISTRY.................................................................................................................774

TERPINES……………………………………………………………………………...………776

THC/ TETRAHYDROCANNABINOL......................................................................................776

THC ACID/ THCA......................................................................................................................798

TETRAHYDROCANNABINOL-HEMISUCCINATE / THC-HS............................................799 TETRAHYDROCANNABOVARIN/ THCV.............................................................................800

TIC DOULOUREUX………………………………………………..…………………………802

TIME PERCEPTION…………………………………………………………….…………..…803

TINNITUS- also see HEARING......................................................................................................803

TOBACCO VS CANNABIS.......................................................................................................804

TOLERANCE..............................................................................................................................808

TOURETTE'S SYNDROME......................................................................................................810

TRICHOTILLOMANIA…………………………….…………………………………….……812

TUBERCULOSIS........................................................................................................................812

ULCERATIVE COLITIS- see COLITIS, also BOWEL DISORDERS

URB - 597/ KDS-4103................................................................................................................812

URB - 754....................................................................................................................................816

URB - 973....................................................................................................................................816

VAPORIZERS - see METHODS OF USE- VAPORIZERS

VETERINARY USE/ ANIMALS...............................................................................................816

VIRODHAMINE……………………………………………………………………………….819

VISION........................................................................................................................................820

WILSON'S DISEASE..............................................................................................................…824

WIN 55,212-2..............................................................................................................................825

WITHDRAWAL SYNDROME..................................................................................................838

WOUNDS/ INJURIES................................................................................................................840

YOUNG ADULTS - see CHILDREN/YOUNG ADULTS

January 2012 Introduction - Well, here I am again, staring at this blank screen, trying to figure out what to say so you will share the information I have gathered. “Once the medical facts about cannabis become known, the need for legalization becomes obvious!” How many times have I said that? I need YOU to educate those around you. I can’t do it alone!

At times, it seems so futile- this never-ending battle against ignorance about cannabis. But I can’t give up - this simple herb has some amazing uses and people need to know what it can do.

Cannabis should be treated like any other medicinal herb, because that’s what it is, just an herbal medicine with a rather pleasant side effect- you feel “high”. Unlike common aspirin, cannabis never kills by overdose. Compared to some pharmaceutical drugs’ side effects, the “cotton-mouth”, “red eye”, “munchies” and “feeling a just bit too good” from using cannabis seems so trivial!

As Americans, we should be free to exercise our right to choose the type of medicines that we take. Anyone exhibiting the first signs of Alzheimer’s should be able to choose between Aricept, Marinol, or natural cannabis to slow the deposit of mind-clogging amyloid plaque.

*“When tested at double the concentration of THC, Aricept blocked plaque formation only 22% as well as THC, and Cognex blocked plaque formation only 7% as well as THC.”* (Marijuana May Slow Alzheimer's - WebMD, 2006)

Marinol is just a capsule of a pure synthetic THC dissolved in sesame oil. It will work, but some people find that it causes anxiety because it lacks CBD (cannabidiol) to balance the THC high.

Natural cannabis has CBD and other cannabinoids in it, which act in a different way to slow the progress of Alzheimer’s. (“Cannabidiol and other cannabinoids reduce microglial activation in vitro and in vivo: relevance to Alzheimer’s disease” - Molecular Pharmacology, 2011) I know which I would logically choose, but in 2/3s of the US, and everywhere by federal law, that choice is forbidden to us. Our government has banned our best choice!

Then there are thousands facing the severe nausea of chemotherapy- will they be able to keep an anti-nausea pill down long enough for it to work? Wouldn’t it be simpler to inhale some cannabis vapor, or smoke, and get almost instantaneous relief? In 16 states, you can!

And the pain from cancer? *“*Medical Marijuana a Success in Israel” *– “More than two-thirds of cancer patients who were prescribed medical marijuana to combat pain are reportedly satisfied with the treatment”* Are we less free than the Israelis? They are free to get legal, prescribed cannabis for cancer pain- are you? Our neighbor, Canada, has legal medical cannabis, and their government grows cannabis for patients! And surprise! The US has 4 federally legal MMJ patients and grows for them. The program is closed. No new patients allowed! Why? And why is cannabis research, all but banned in the US? This prohibitionist foolishness has to end!

2012 is supposed to be a time of change, an “interesting” year. It is time for us to demand a change in the laws on cannabis! We must keep telling the truth, keep presenting the facts to our friends and our families. The facts are there in PubMed- cannabis IS medicine! Our government lies to us about cannabis! And folks- **“If the truth won’t do, then something is wrong!”**

Introduction - July 2011- This year’s message to all of you is a little different. I am going to be explaining a major scientific discovery- the Omega-3 / CB1 connection, and how it affects your healing with cannabis! But to understand fully this discovery, we need to revisit Biology 101.

Every cell in your body has tiny chemical receptors all over the cell’s “skin” or cell membrane. These receptors work kind of like an ignition switch- you put the right type of chemical “key” into a receptor and it “turns on” some kind of action. The type 1 cannabinoid receptors (CB1s) are the ones we are interested in looking at. They are found both in the body and the brain.

“Turning on” a CB1 receptor with either an endocannabinoid that your body makes, or a phytocannabinoid like THC, can result in many different things occurring. A cancer cell may be “told” to die through a process called *apoptosis,* it may activate a basic instinct such as nursing, soothe an irritated digestive tract, or simply ease your pain. The CB1 receptors in your brain are the ones to blame, or praise, for the cannabis “high”.

Every time a cell divides, whether it is a brain cell, or a body cell, it needs to make new “skin” to grow back to its full size, and that involves making a whole bunch of new receptors.

And this is where the cutting-edge science starts-- to make functional CB1 receptors, you absolutely need Omega-3! In ***“Nutritional omega-3 deficiency abolishes endocannabinoid-mediated neuronal functions”****,* the Omega-6-rich “western diet” is implicated in our declining mental and physical health. The “ideal” proportion of Omega-6 to Omega-3 is around 3 to 4 parts Omega-6 to every 1 part Omega-3. Our “western diet” can deliver up to a 50 to 1 ratio!

When no Omega-3 is available, our bodies will “jury-rig” a new receptor with an Omega-6 where there should be an Omega-3. This results in a small, but important chunk, the Gi/o effector protein, not getting attached. As with a machine, the pieces need to be assembled right to work!

A drop in the number of working CB1 receptors is an early clinical sign in Parkinson’s, colon cancer, Huntington’s, and heralds a high risk for premature birth. Mice bred to be low in CB1 receptors have more severe heart attacks and strokes. Cancers ravage them. They age and become senile earlier than normal mice. They are used to study neurological conditions and bowel disorders. They often seem depressed. They sound a lot like many modern Americans.

The three most common sources of Omega-3 are fish oil, flax seed oil and hemp seed oil.

Cannabis is an effective and safe herbal medicine, but we need functioning CB1 receptors for it to work its miracles. Virtually every person needs more Omega-3 in their diet, but none as much as the medical users of cannabis! Cannabis heals us using our cannabinoid receptors, and also provides the Omega-3 that we need to make healthy CB receptors, so we can heal. And that is the simple, but scientific truth.

If the truth won’t do, then something is wrong!

Introduction - July 2010 - This is my third year of sharing "Granny's list" with all of you. Last year, I told you "How this list came about." This year, it's "Why you should be sharing my list!"

From 60 pages, a symbolic celebration of my then 60 years on Earth, my list has grown to an equally symbolic 420 pages of links, in hopeful anticipation of the dawning of medical freedom in other states.

My "Granny's list" contains 100s of studies about cannabis and how can heal- all done in an environment of "strong discouragement" on the part of the US government. How large my collection would be if research into this healing herb had been unrestricted? What would we know if we could have researched during those 70- odd years of prohibition?

As a medicine, cannabis is potentially invaluable- this collection is ample proof of that! From stopping hiccups, to halting breast cancer's terrible spread, cannabis works! But there are still too many "may"s and "might"s when it comes to cannabis. We need more research, which will not, and cannot, happen until cannabis is legalized and rescheduled.

When I began using cannabis medically over 40 years ago, there was no such thing as "medical use"- not even the concept existed! Education has made the difference. Somewhere along the line, every one of the people who have voted to legalize medical use in their state, learned that cannabis was an effective medicine, perhaps from a relative's use, or from a program they saw, or a study they read. They learned the truth.

In a Canadian survey of doctors, a majority admitted that most of what they knew about cannabis came from their patients! They had learned only the "government line" in medical school. That was in Canada, where medical use is federally legal! So how much does your doctor really know about cannabis? My list gives you a way to educate him.

And you shouldn't stop with your doctor. Local city councilmen and commissioners have the power to ban dispensaries through local ordinances. It is easier to educate them before it's an issue. They need the medical facts about cannabis to make logical decisions!

We all know someone who has diabetes, fibro, cancer or MS. They shouldn't have to suffer, physically, financially, or legally, for using a safer-than-aspirin herbal medicine. One they could easily grow if sane cannabis laws were in place. Home-grown cannabis is cheaper and works faster than any pill and the side effects are far more pleasant.

Cannabis, with its remarkable safety record, should be the first medicine tried, not be the medicine of last resort! It is only by educating others, that we can bring cannabis back into mainstream medicine where it belongs. Please share the facts about cannabis with those around you, and back them up with medical studies from my list.

The simple truth is "Cannabis heals". And as my wise old grandfather once said,

**"If the truth won't do, then something is wrong!"**

Intro - 2008

"If the truth won't do, then something is wrong!"  
  
Those were the furious words of my grandfather to my Mother. I had walked in from joyfully stuffing my face with red raspberries in the garden, straight into "war zone"! My gentle grandfather in a fury, his hand raised! Mom was just beginning to shrink back away from him. They saw me and quickly sent me away. But it was too late, the scene and the words were seared into my 5-year-old brain. That was over 55 years ago, but I still remember it clearly. My grandfather was a minister, one very short step away from God in my 5 year old mind. It was one of those life changing moments. It is still rare for me to tell a lie. I never found out what my Mother's lie was.  
  
As I child, I suffered a traumatic head injury. Another child tried to murder me with a hammer. I was left with frequent migraines. At 19, like many rebellious teens, I tried cannabis. It took about a year for me to make the connection between using cannabis and the absence of my normally frequent migraines. I have used cannabis ever since.  
  
I am an avid reader. While perusing an old book on herbal medicine, I read how the little old ladies of Mexico made and used a cannabis/tequila rub on their arthritic hands. Then I met Joey, an epileptic musician. He told me another interesting fact- when he had pot he could cut his medication in half! On a camping trip years later, I smelled an unmistakable odor. Following my nose, I was totally shocked to find a grandmotherly lady in her 70s puffing away on a delicate oriental pipe. "Parkinson's. And the pot's way cheaper than the pills!" Her nephew kept her well supplied, she said. We had a nice chat about various medical uses of cannabis.  
  
Epilepsy, Parkinson's, arthritis, and my migraines! What else was it good for? Yet every news article on cannabis that I saw, claimed one new horror after another. Men grew breasts and were impotent. Women became sterile or miscarried. It made you crazy and murderous. Made you lazy and do nothing. It caused cancer and heart attacks...What I had learned on my own and from others and what I was being told in the press were so different!  
  
What was the truth? I began researching. I printed the first studies up and kept them in a notebook, just as a personal reference. The notebook quickly filled. I started a Word file of the URLs and on July 30 2007, I posted it. It continues to grow.  
  
  
Here's some of what I have found. All I've done is copy the URLs, then put them all in some semblance order for everyone to use as a reference. Please feel free to share this list with anyone who could benefit from it.

July 30, 2007  
  
It’s my 60th birthday! That’s a pretty big milestone. I’ve out-lived my beautiful, crazy mother (59 years 11 months) and I’ve been married and toking for 40 years. So, since 60 rolls around only once, I decided to give you a gift! I though I’d share my notebook with you. It is a compilation of medical studies, news articles and information on cannabis.   
  
In addition to the obvious use of people who are ill getting information on what might heal them, I hope that many of you will take up a challenge from me. I want this spread around- to your doctor, your politicians, ministers, and anyone who could use the info.   
  
Information does no good if it is hoarded. If you know someone who is ill, copy and paste the part they need, or print up the article, and mail it to them (anonymously, might be a good idea in a lot of cases). Also, send a page or three of a print out of the titles and URLs and a typed message (again anonymously) leading to this post to your doctor. Something simple, like “Want to know more? Visit here!”and give the URL.   
  
I’m hoping that in return for the hours I spent collecting this, you will give me a present in return- mailing this out and telling others. By spreading knowledge to help others, you give them power over their own lives! Knowledge is power! And the truth will set us free (to smoke our pot in peace!) - Storm Crow

Introduction

ACEA/ ARACHIDONYL-2'-CHLOROETHYLAMIDE

ACHILLES TENDINOSIS

ACNE

ADD/ ADHD

ADDICTION

2-AG /2-ARACHIDONOYLGLYCEROL

2-AGE/ 2-ARACHIDONYL GLYCERYL ETHER/ NOLADIN ETHER

AGING/ USE BY SENIORS

AIDS – see HIV

AJULEMIC ACID

ALCOHOLISM/ ALCOHOL

ALLERGIES AND CANNABIS

ALLERGIES TO CANNABIS

ALS / AMYOTROPHIC LATERAL SCLEROSIS

ALZHEIMER'S DISEASE.

AM- 251

AM-281

AM-404

AM-630

AM -678 - see JWH -100

AM-694

AM-1241

AM-1346.

AM-1710

AM- 2201

AM- 2233

AM- 4054

AM- 4113

AM- 6545

AM-6701

AM-6702

AMOTIVATIONAL SYNDROME

AMYRIN

ANANDAMIDE.

ANECDOTAL / PERSONAL STORIES.

ANOREXIA NERVOSA - also see APPETITE STIMULANT

ANTI-BACTERIAL PROPERTIES

ANTI-FUNGAL PROPERTIES

ANTI-INFLAMMATORY PROPERTIES.

ANTIMICROBIAL PROPERTIES

ANTIOXIDANT PROPERTIES

ANXIOLYTIC EFFECTS

APPETITE STIMULANT

ARACHIDONYL-2'-CHLOROETHYLAMIDE- see ACEA

2-ARACHIDONOYLGLYCEROL- see 2-AG

ARTHRITIS

AS- 1535907

AS-1907417

ASTHMA

ATHEROSCLEROSIS

AUTISM

BACK PAIN

BAY- 7271- see KN38-7271

BETA-CARYOPHYLENE/ (E)-BCP

BIPOLAR DISORDER

BLADDER/ URINARY FUNCTIONS

BLEPHAROSPASM

BLOOD

BLOOD PRESSURE

BONES- see OSTEOPOROSIS

BONE MARROW

BOWEL DISORDERS - also see GERD, COLITIS

BRAIN CELLS- see NEURONS

BRAIN- PHYSICAL EFFECTS

BRAIN TRAUMA

BREASTFEEDING/ INFANT APPETITE

BULIMIA

CANCER – ADRENAL CORTEX

CANCER – BASAL CELL CARCINOMA - see CANCER – SKIN

CANCER – BLADDER / URETHRAL

CANCER- BONE

CANCER- BREAST

CANCER- CERVICAL

CANCER- CHEMOTHERAPY- see CHEMOTHERAPY

CANCER- CHOLANGIOCARCINOMA

CANCER- COLON /COLORECTAL

CANCER – ENDOMETRIAL

CANCER- GASTRIC

CANCER- GLIOMA

CANCER- HEAD AND NECK

CANCER- KAPOSI'S SARCOMA

CANCER – KIDNEY

CANCER- LEUKEMIA

CANCER – LIVER

CANCER- LUNG

CANCER- LYMPHOMA

CANCER- MELANOMA

CANCER - NEUROBLASTOMA

CANCER- ORAL

CANCER- OVARIAN

CANCER- PANCREATIC

CANCER- PITUITARY ADENOMA

CANCER – PNET / PRIMITIVE NEUROECTODERMAL TUMOR

CANCER- PROSTATE

CANCER - RHABDOMYOSARCOMA

CANCER- RISK CANNABIS VS TOBACCO

CANCER- SKIN

CANCER - SQUAMOUS CELL CARCINOMA

CANCER- TESTICULAR

CANCER - THYMOMA

CANCER- THYROID

CANCER- VARIOUS/ UNNAMED

CANNABICHROMENE/ CBC

CANNABIDIOL/ CBD

CANNABIDIOLIC ACID/ CBDA

CANNABIGEROL / CBG

CANNABINOID HYPEREMESIS SYNDROME

CANNABINOID RECEPTORS - see ENDOCANNABINOID SYSTEM, CBRs

CANNABINOL

CANNABINOR

CANNADOR

CARDIOVASCULAR- see HEART DISEASE

CARPAL TUNNEL SYNDROME

CBR- CB 1 RECEPTORS-

CBR – CB 2 RECEPTORS

CBR– GPR 40 RECEPTORS

CBR – GPR 55/ CB 3 RECEPTORS

CBR - GPR109 RECEPTORS

CBR – GPR 119 RECEPTORS

CELIAC DISEASE

CEREBRAL PALSY

CESAMET- see NABILONE

CHEMICAL COMPOSITION

CHEMOTHERAPY

CHILDREN/ YOUNG ADULTS

CHOLERA

CHOLESTEROL

COGNATIVE EFFECTS- see IQ

COLITUS

COPD/ LUNG FUNCTION

COUGH

COWPOX

CP- 47,497

CP -50,556-1 / LEVONANTRADOL

CP- 55,940

CRA- 13

CROHN'S – also see BOWEL DISORDERS

CRUETZFELDT-JACOB DISEASE- see MAD COW DISEASE

CT-3 – also see AJULMIC ACID

CYSTIC FIBROSIS

CYSTITIS

DENTISTRY - see TEETH

DEPRESSION

DERMATITIS..

DEXANABINOL - see HU-211

DIABETES

DOWN’S SYNDROME

DRIVING AND CANNABIS

DRONABINOL

DRUG INTERACTIONS- see INTERACTIONS WITH OTHER DRUGS

DRUG TESTING

DRUG TESTING - BLOOD

DRUG TESTING – BREATH TEST

DRUG TESTING - HAIR

DRUG TESTING- OTHER

DRUG TESTING - ORAL

DRUG TESTING - URINE

DYSKINESIA

DYSTONIA.

ECZEMA

EDEMA

EHLERS-DANLOS SYNDROME

ELMIRIC ACIDS

ENCEPHALITUS

ENCEPHALOMYELITIS/ EAE

ENDOCANNABINOIDS.

ENDOCANNABINOID SYSTEM – also see CBRs

ENDOMETRIOSIS

EPILEPSY

FAMILIAL MEDITERRANEAN FEVER0

FERTILITY

FEVER/ TEMPERATURE CONTROL2

FIBROMYALGIA

FLU / INFLUENZA

GATEWAY THEORY

GENDER-BASED DIFFERENCES.

GERD/GASTRO-ESOPHAGEAL REFLUX DISEASE

GLAUCOMA

GOUT

GRANULOMA

GRAVE'S DISEASE.

GWP- 42006

GYNOCOLOGY AND OBSTETRICS

HAIR

HEADACHE- see MIGRAINE

HEARING also see TINNITUS

HEART DISEASE/ CARDIOVASCULAR

HEMOPHILIA – A

HEMORRHAGIC SHOCK

HEPATITIS.

HEREDITARY MULTIPLE EXTOSES…

HERPES

HEXAHYDROCANNABINOLS.

HICCUPS

HISTORICAL STUDIES -PRE 1937

HISTORY- ANCIENT USE

HISTORY-1937 TO PRESENT

HIV / AIDS

HORMONES

HPV/ HUMAN PAPILLOMA VIRUS

HU-210

HU-211

HU-239- see Ajulemic Acid

HU-308

HU-310

HU-320

HU-331

HU-910

HUNTINGTON'S DISEASE

HYPEREMESIS - see CANNABINOID HYPEREMESIS SYNDROME

HYSTERECTOMY

IBS – also see BOWEL DISORDERS

IDIOPATHIC INTRACRANIAL HYPERTENSION

IDRASIL

IMMUNE SYSTEM

INCONTINENCE - see BLADDER OVERACTIVITY

INDICATIONS AND CLINICAL USES

INFLUENZA-see FLU

INJURIES - see WOUNDS/ INJURIES

INTERACTIONS WITH OTHER DRUGS

31 - IP 751 see AJULEMIC ACID

ISAAC’S SYNDROME/ ACQUIRED NEUROMYOTONIA

IQ/ MEMORY/ COGNATIVE EFFECTS

JWH-015

JWH-018

JWH-073

JWH-100 / AM -678

JWH- 122

JWH-133

JWH– 150

JWH- 210

KIDNEYS.

KN38-7271/ BAY- 7271

KNOCK-OUT MICE

L-α-LYSOPHOSPHATIDYLINOSITOL

LBP- 1

LEGIONAIRES DISEASE

LEISHMANIASIS

LIVER - NON HEPATITIS

LONG TERM USE EFFECTS

LUNG FUNCTION.

LUPUS

LYME DISEASE

MACULAR DEGENERATION

MAD COW/ CRUETZFELDT-JACOB DISEASE

MARINOL

MDA 19

MEIGE'S SYNDROME.

MEMORY- see IQ

MENIERE'S SYNDROME

MENINGITIS

MENOPAUSE also see AGING, GYNOCOLOGY

MENTAL DISORDERS - see SCHIZOPHRENIA

METHODS OF USE – BREATH STRIPS

METHODS OF USE- CAPSULES.

METHODS OF USE – DECARBOXYLATION

METHODS OF USE- E-CIGARETTES

METHODS OF USE- EDIBLES

METHODS OF USE- EDIBLES - BEVERAGES

METHODS OF USE- EDIBLES - FOODS

METHODS OF USE- EDIBLES – RAW UNHEATED

METHODS OF USE - INHALERS

METHODS OF USE - INJECTION.

METHODS OF USE - NASAL SPRAYS

METHODS OF USE – ORO-MUCOSAL SPRAYS

METHODS OF USE – RSO / RICK SIMPSON’S OIL

METHODS OF USE - SMOKING

METHODS OF USE - SUPPOSITORIES

METHODS OF USE - TINCTURES

METHODS OF USE - TOPICAL OINTMENTS

METHODS OF USE -TRANSDERMAL PATCH

METHODS OF USE - VAPORIZERS.

METHODS OF USE- VARIOUS.

MIGRAINE/ HEADACHE

MISCELLANEOUS STUFF

MORNING SICKNESS.

MORTALITY RATES..

MOTION SICKNESS.

MRSA/ METHICILLIN-RESISTANT STAPHLOCOCCUS AUREUS

MULTIPLE SCLEROSIS/ MS

MUSCLE RELAXANT

MUSCULAR DYSTROPHY/ MD

MYCLONUS DIAPHRAMIC FLUTTER

NABILONE

NAIL-PATELLA SYNDROME

NAUSEA

NEURONS/ BRAIN CELLS

NEUROPATHIC PAIN

NEUROPROTECTANT

NIEMANN-PICK DISEASE.

NIGHT SWEATS

NUTRITION - GENERAL

NUTRITION - HEMP SEED

NUTRITION - HEMP SEED OIL

O-1602

O-1966

O-2050

OBESITY

OBSESSIVE COMPULSIVE DISORDER

OLEOYLETHANOLAMINE / OEA

OMEGA-3/ CB1 CONNECTION

ORGAN TRANSPLANTS.

OSTEOPOROSIS/ BONES

OVERDOSES OF CANNABINOIDS.

OVERVIEWS

PAIN

PANCREAS /PANCRATITIS

PARKINSON'S DISEASE

PERINATAL HYPOXIC-ISCHEMIC INJURY

PATENTS RELATED TO CANNABIS

PEA – PALMITOYLETHANOLAMIDE

PHARC

PHYTOCANNABINOIDS / PLANT EXTRACTS

POISONING – ORGANOPHOSPHATE

POISONING – PARAQUAT

PORPHYRIA

POST-OPERATIVE PAIN.

POST POLIO SYNDROME

POST TRAUMATIC STRESS DISORDER/ PTSD

PRADER WILLI SYNDROME

PREGNANCY/ PRENATAL EXPOSURE

PRIONS

PROXIMAL MYOTONIC MYOPATHY / PROMM

PRURITIS (chronic itch) PSORIASIS

QUITTING CANNABIS

QUITTING OTHER DRUGS..

RADIATION-INDUCED NAUSEA.

RADIATION SICKNESS

REFLEX SYMPATHETIC DYSTROPHY

RESTLESS LEG SYNDROME

RETINITIS PIGMENTOSA…

RIMONABANT

R(+)-METHANANANDAMIDE

RWJ- 400065

S-444823

SAFETY AS A MEDICINE

SAFETY-ADULTERANTS/ CONTAMINANTS

SATIVEX

SCHIZOPHRENIA/ MENTAL DISORDERS

SCLERODERMA

SEPTIC SHOCK...

SICKLE CELL DISEAS

SINUSITIS

SLEEPING SICKNESS/ TRYPANOSOMIASIS

SLEEP MODULATION

SMALLPOX

SMELL / ODOR DETECTION

SMOKED CANNABIS AS A MEDICATION

SOCIAL ADJUSTMENT/ BEHAVIOR

SPASTICITY

SPICE

SPINAL CORD INJURY

SPLEEN

STEM CELLS

STIFF PERSON SYNDROME

STRESS

STORAGE

STROKE

STUTTERING

SUNBURN

TAK - 875

TAK – 937

TASTE

TAXONOMY/ GENETICS OF CANNABIS...

TEA AS MEDICINE

TEETH /DENTISTRY

TERPINES

THC/ TETRAHYDROCANNABINOL

THC ACID/ THCA.

TETRAHYDROCANNABINOL-HEMISUCCINATE / THC-HS TETRAHYDROCANNABOVARIN/ THCV

TIC DOULOUREUX

TIME PERCEPTION

TINNITUS- also see HEARING..

TOBACCO VS CANNABIS

TOLERANCE

TOURETTE'S SYNDROME

TRICHOTILLOMANIA

TUBERCULOSIS

ULCERATIVE COLITIS- see COLITIS, also BOWEL DISORDERS

URB - 597/ KDS-4103

URB - 754

URB - 973.

VAPORIZERS - see METHODS OF USE- VAPORIZERS

VETERINARY USE/ ANIMALS

VIRODHAMINE

VISION

WILSON'S DISEASE

WIN 55,212-2

WITHDRAWAL SYNDROME

WOUNDS/ INJURIES

YOUNG ADULTS - see CHILDREN/YOUNG ADULTS