



This edition was published in the United States of America by Dr. Ritamarie Loscalzo. Edition Date: January 10, 2018

#### Disclaimer

The techniques and advice described in this book represent the opinions of the author based on her training and experience. The author expressly disclaims any responsibility for any liability, loss or risk, personal or otherwise, which is incurred as a result of using any of the techniques, recipes or recommendations suggested herein. The responsibility for the consequences of your use of any suggestion or procedure described hereafter lies not with the authors, publisher or distributors of this book. This book is not intended as medical or health advice. If in any doubt, or if requiring medical advice, please contact the appropriate health professional. We recommend consulting with a licensed health professional before making major diet and lifestyle changes.

If you enjoy the information in this program, we would like to encourage you to show your support by sharing your testimonial with us, sharing our website www.DrRitamarie.com with your friends and family, and supporting our continued work by considering our other programs and products.

#### **ALFALFA**



High in essential nutrients and has been connected with improved metabolism and lowering of blood sugar in preliminary studies

Contain DHA and minerals to support repair of insulin receptors.



#### ALGAE & SEA VEGETABLES

### **AVOCADO**



Contains a unique weight loss friendly carbohydrate called "mannoheptulose", which has been found to lower insulin secretion

Improves insulin sensitivity

#### **BASIL**

#### **BERBERINE**



Found in Golden Seal, Oregon Grape Root, Barberry, and Chinese Goldenthread, and others and reduces blood sugar better then metformin and other prescription meds

Helps cells use glucose more effectively and blocks sugar absorption in the intestine.

#### **BITTER MELON**

#### **BLUEBERRIES**



Contains an isothiocyanate called "sulforaphane", an antioxidant that has been associated with decreased inflammation and assists in healing damaged insulin receptors



**BROCCOLI** 

# BROCCOLI SPROUTS

The richest source of sulforaphane, containing 20 to 50 times the amount as broccoli

Contain high levels of Vitamin K, which helps keep insulin levels in check, plus they contain sulforaphane



# BRUSSELS SPROUTS

### CABBAGE

B. oleracea is the species name for cabbage. Vanadium is in cabbage which mimics insulin. It also can lower glucose and decrease insulin production, thus improving insulin resistance

Contains "pinitol", a natural compound that has the same effect on insulin receptors as MHCP in cinnamon. They mimic the action of insulin



#### **CINNAMON**

Contains "MHCP" which activates an enzyme that causes insulin to bind to cells and inhibits the enzyme that blocks this process. MHCP mimics insulin by activating its cellular receptors and it works synergistically with insulin in the cells

Contains polymethoxylated flavones (PMFs) may help prevent diabetes



## CITRUS PEEL FXTRACT

#### **CLOVE**

Studies show reduction of blood sugar an average of 225 to 150 in 30 days regardless of dose

Contains a substance needed by the beta cells of the pancreas to produce insulin



**CUCUMBER** 

# DARK CHOCOLATE (SWEETENED WITH STEVIA, NOT SUGAR)

(controversial) Rich in flavonoids which help counteract insulin resistance

Found to lower blood sugar, increase insulin sensitivity, and reduce high cholesterol, according to several animal and human studies



#### **FENUGREEK**

**GARLIC** 

Has been shown to increase insulin sensitivity and thus lower blood sugar, plus contains antioxidants that promote a healthy cholesterol profile

Increases insulin sensitivity and decreases inflammation



#### **GINGER**

**GINSENG** 



Slows carbohydrate absorption; increases cells' ability to use glucose; and increases insulin secretion from the pancreas

Abundant in minerals, amino acids and phytochemicals that improve insulin resistance and keep blood sugar steady



#### **GREENS**

GYMNEMA SYLVESTRE Hindi name translates as "sugar destroyer," and it's said to reduce the ability to detect sweetness.

Works by boosting the activity of enzymes that help cells use glucose or by stimulating the production of insulin

Contains inulin, which slows down absorption of carbohydrates and stabilizes blood sugar



#### **KONJAC**



Contains a fiber called glucomannan, which has repeatedly been shown to lower blood glucose and provide satiation between meals

Rich in vitamin C, contain potent health promoting compounds like rutin and limonene, and their acidity can lower the glycemic index of a meal considerably



#### MAITAKE MUSHROOM



Lowers sugars, insulin and triglycerides by improving sensitivity of cells to insulin; powder or water extract seem to work best

Researchers speculate that it may lower blood sugar because it contains components that work similarly to insulin and is high in fiber



#### NOPAL CACTUS

## OLIVE LEAF EXTRACT



Contains oleuropein, which lowers the digestion of starches into simple sugars, slows absorption of sugars in small intestine, and increases uptake of sugar across insulin receptors

Lowers blood sugar similar to how garlic does



ONION

Curcumin, the anti-inflammatory constituent reduces insulin resistance and prevents type 2 diabetes by dampening the inflammatory response



**TURMERIC** 

**VACCINIUM** 

(Relative of blueberry)
Mechanism is unknown and it's not
advised for chronic use

Contains chromium and acetic acid. which can alter insulin sensitivity and may have an effect on blood sugar, especially with mild type 2 diabetes





### FOODS THAT CAN CONTRIBUTE TO INSULIN RESISTANCE

#### SUGAR AND ALL ITS RELATIVES

High fructose corn syrup, Honey, Maple syrup, Molasses, Agave

REFINED GRAINS

#### **LEGUMES**

(possibly in sensitive people)

**MARGARINE** 

HIGH SUGAR FRUITS

GLUTEN-CONTAINING GRAINS

**POTATOES** 

PROCESSED MEATS

**DRIED FRUIT** 

**GMO FOODS** 

NON-ORGANIC MEATS

**HEATED OILS** 

**COFFEE** 

**ALLERGENS** 

FRUIT JUICE

WHOLE GRAINS (possibly in sensitive people)

> TRANS FATS

**DAIRY** 



ROOT CAUSE HEALTH CARE