



WHY DO SUPPLEMENT USERS TAKE SUPPLEMENTS?

**overall
health/wellness
benefits 54%**

24% healthy aging

22% heart health

**17% help reduce
the risk of
serious illness**



PhytoActive Nutraceuticals, LLC.

Our authorized Distributor for ANKASCIN 568-R Ingredient
and Co-packer for ANKASCIN 568 Plus Finished Product

All these concerns come from

Unhealthy Diet Stress Smoking Obesity Aging Alcohol Physical Inactivity

Subhealth



TC: 200~239 mg/dL



2 OUT OF 7

Borderline High Cholesterol



FBG: 100~125 mg/dL



1 OUT OF 3

Prediabetes



Systolic BP: 120~139 mmHg
Diastolic BP: 80~89 mmHg



1 OUT OF 3

Prehypertension

High risk



TC: ≥ 240 mg/dL



1 OUT OF 8

High Cholesterol



FBG: ≥ 126 mg/dL

1 OUT OF 9

Diabetes



Systolic BP: ≥ 140 mmHg
Diastolic BP: ≥ 90 mmHg

1 OUT OF 3

Hypertension

Illness



1 OUT OF 3

Cardiovascular Disease



1 OUT OF 16

Coronary Heart Disease



1 OUT OF 40

Stroke

Top 10 causes of death in high income countries

Ischaemic heart disease
Stroke
 Tracheobronchus, lung cancers
Alzheimer's disease, dementias
 COPD
 Lower respiratory infections
 Colon rectum cancers
Diabetes mellitus
Hypertensive heart disease
 Breast cancer



These chronic diseases can increase risks of dementia



Alzheimer's disease

is the most common type of dementia

5.2

million Americans
in 2016



13.8

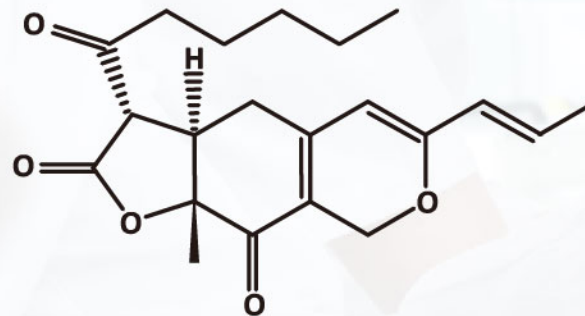
million Americans
by 2050

That is why you need

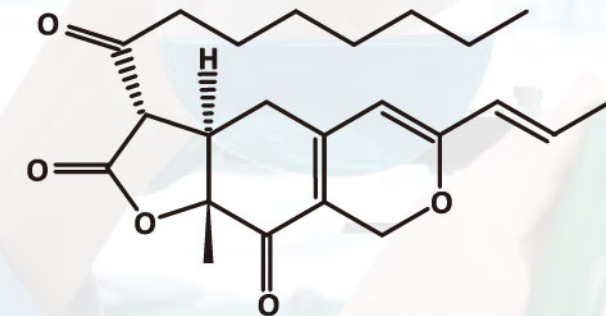
ANKASCIN[®] 568-R

Active Compounds :

Monascin

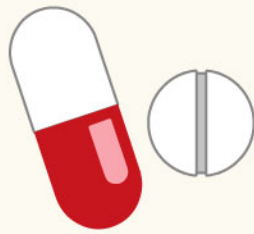


Ankaflavin



- The only red yeast rice ingredient with **NO statins**, backed by the FDA-approved New Dietary Ingredient (NDI) status
- Manufactured with the patented strain and automated solid-state fermentation technology (*Monascus purpureus* NTU 568)

ANKASEIN[®] 568-R



Clinical
Trials

FDA
APPROVED
NDI

FDA-approved
New Dietary Ingredient



Scientific
Publications



NO
Statin Risks



Global
Patents



Non-GMO



ISO22000



HACCP



No Major
Food Allergens

NBJ: Herbal supplement sales in U.S. increase

6.8% (2014)

ConsumerLab: Fish oil does not affect LDL-C (2015)

Fish oil doses higher than 3 grams per day may increase bleeding time

8 reasons why you should choose **ANKASEIN[®] 568-R**

SPINS: RYR supplement sales in U.S. decrease 5.1% (2014)

 **VEGAN**

 **NO HEAVY METAL**

HDL-C 

Total Cholesterol 

Better than Fish Oil

Blood 
Lipids/Sugar/Pressure

 **NO STATIN RISKS**

 **NO Side Effect**

FDA  **NDI**

Better than other Red Yeast Rice

FDA warns: Risks of statin side effects

ConsumerLab: Multiple RYR supplements contain a varied range of statins (2016)

Verification of Health Benefits

✓ **Animal Testing**

✓ **Clinical Trials**



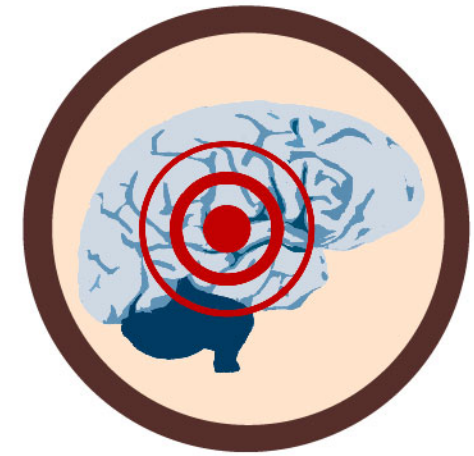
Blood Lipids



Blood Sugar



Blood Pressure



**Memory &
Cognitive Health**

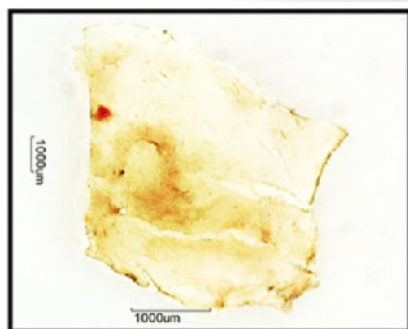
ANKASEIN[®] 568-R

manages blood lipids

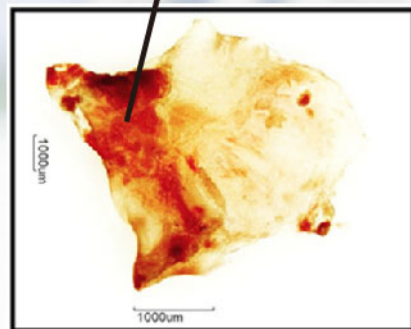
Animal Testing

Lipid plaque accumulation
in heart aorta

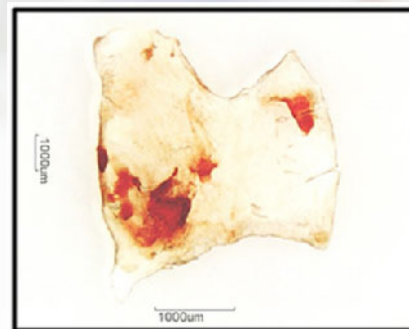
Lipid plaque reduction



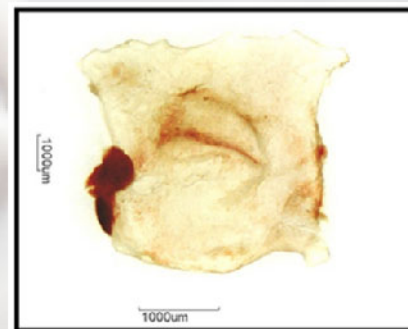
Normal Diet



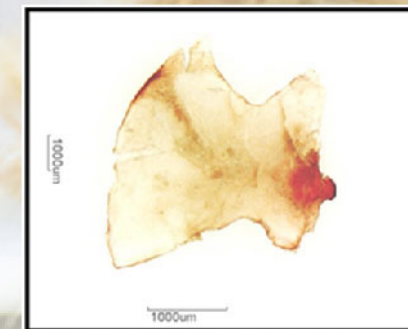
High Cholesterol
Diet



Monacolin K



Monascin



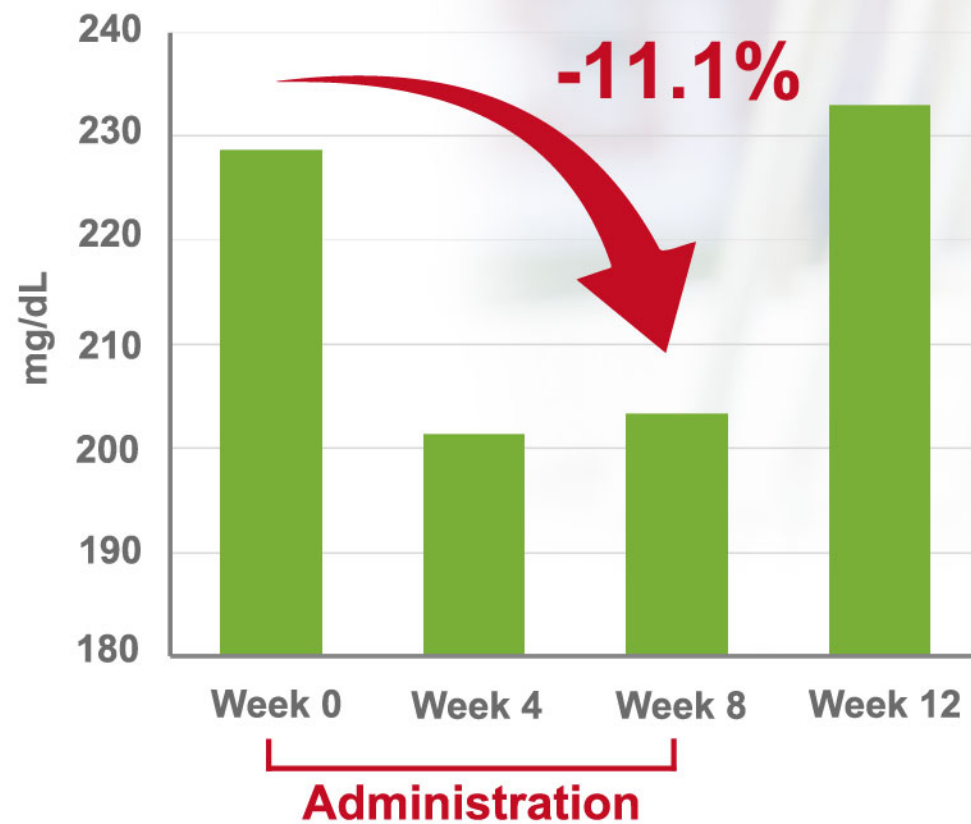
Ankaflavin

Compared with Monacolin K (lovastatin), Monascin and Ankaflavin had better effects on anti-atherosclerosis

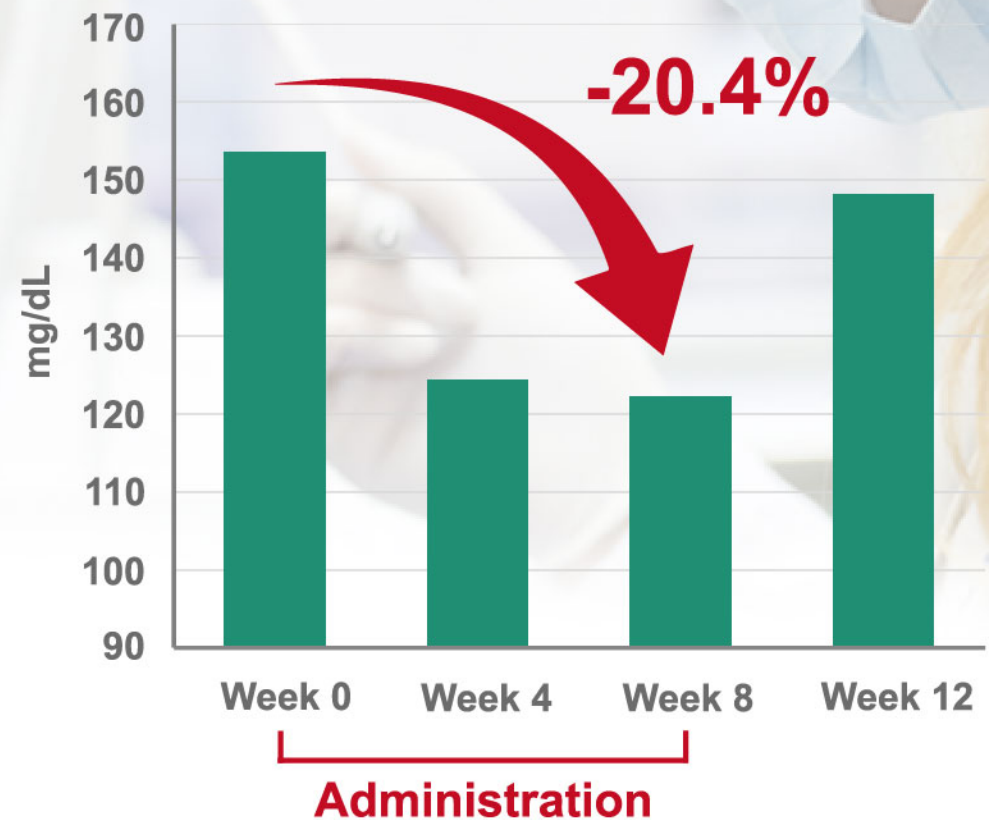


Clinical Trial

Cholesterol



LDL-C



After 8 weeks of administration, cholesterol and LDL-C were significantly reduced by 11.1% and 20.4%

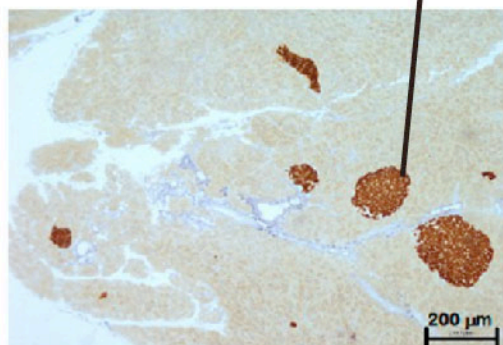


ANKASEIN[®] 568-R

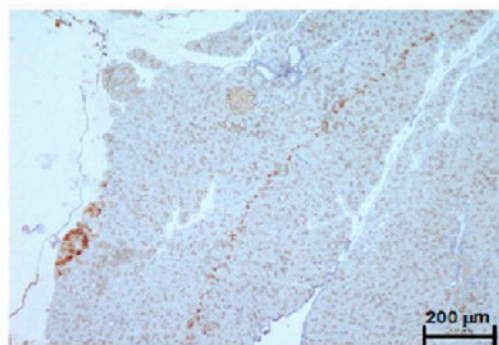
manages blood sugar

Animal Testing

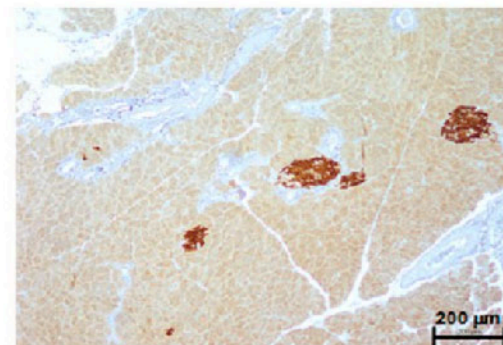
Insulin
expression



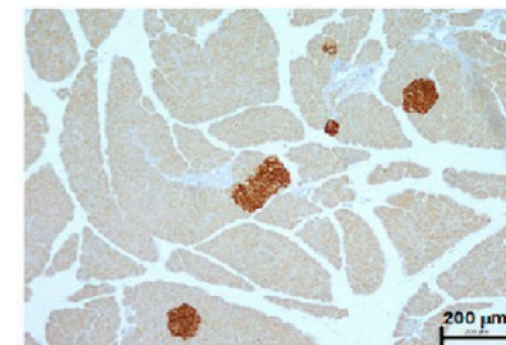
Control



Methylglyoxal
injection



Monascin



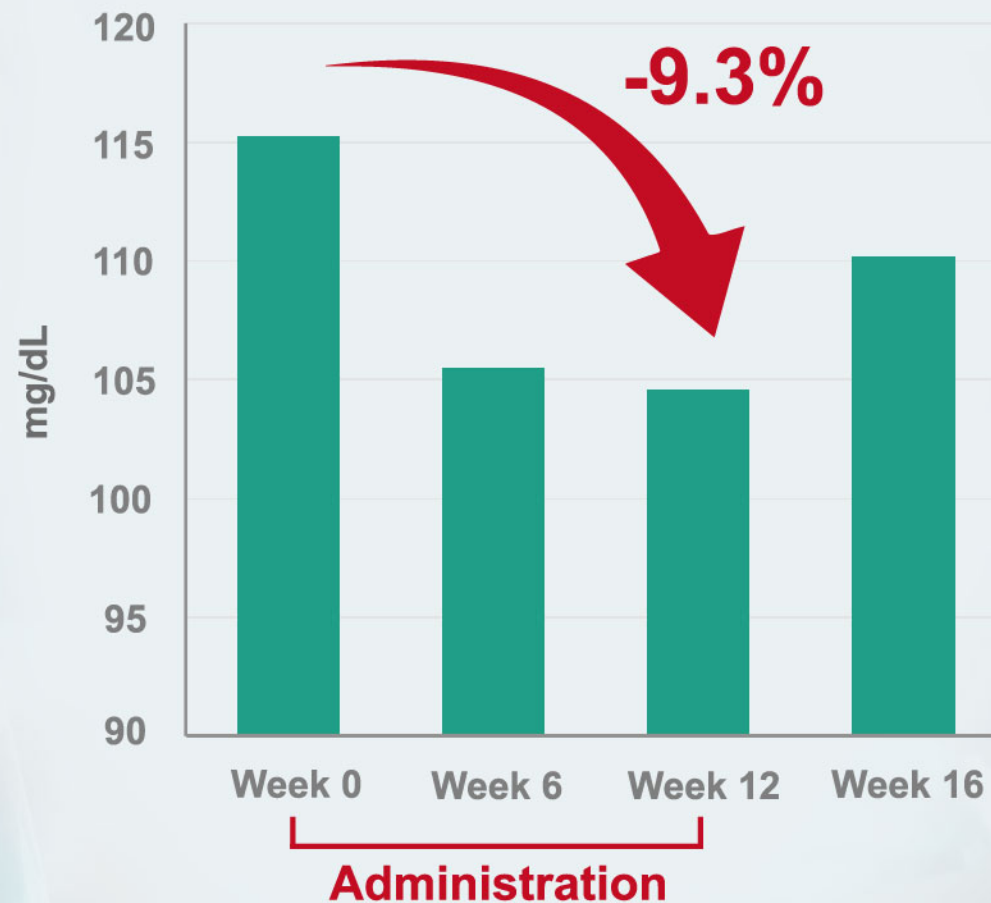
Rosiglitazone
(diabetic drug)

Monascin maintained insulin expression levels against methylglyoxal-induced damage to pancreatic tissues

10

Clinical Trial

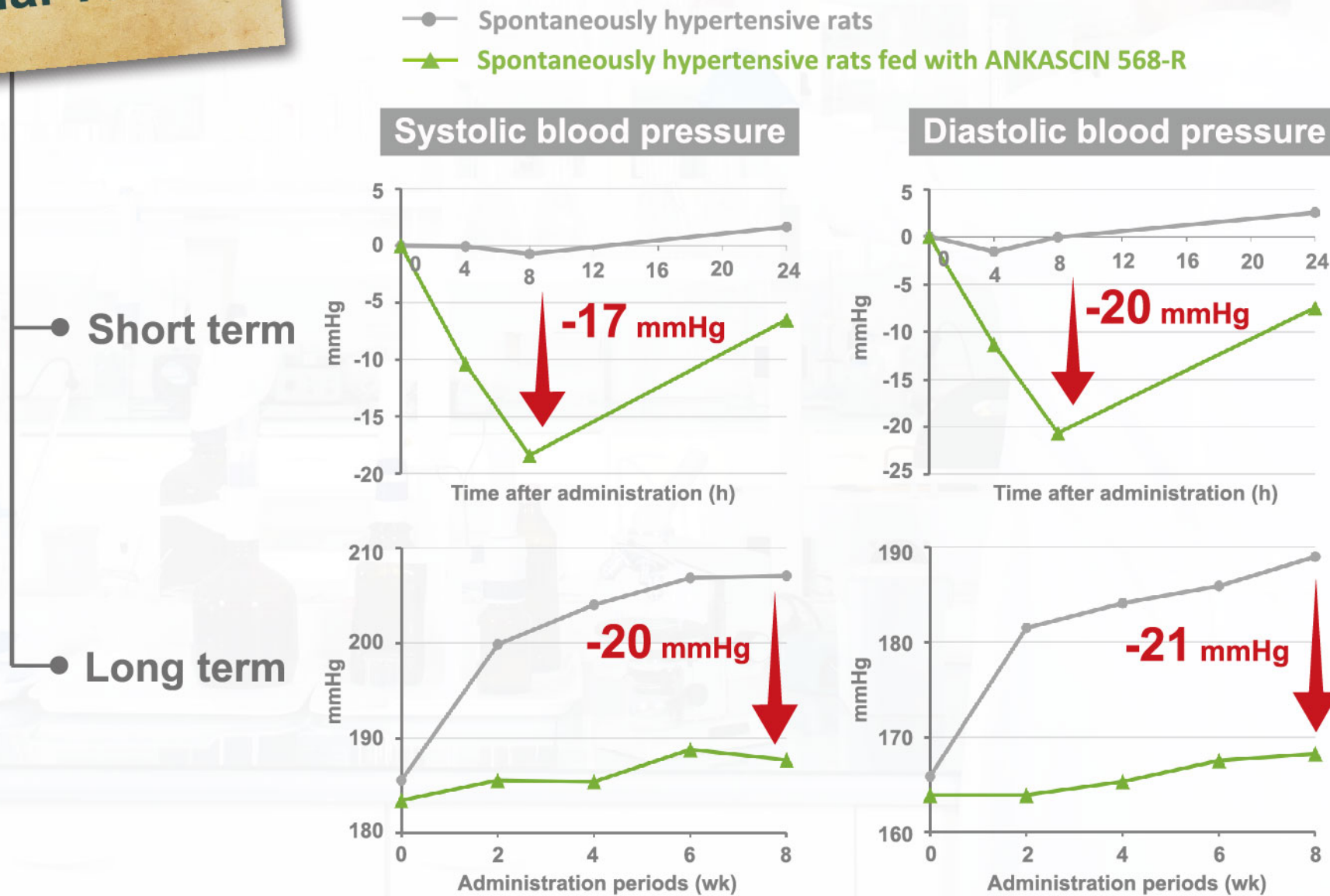
Fasting Blood Glucose



After 12 weeks of administration, fasting blood glucose was significantly reduced by 9.3%

ANKASCIN[®] 568-R manages blood pressure

Animal Testing

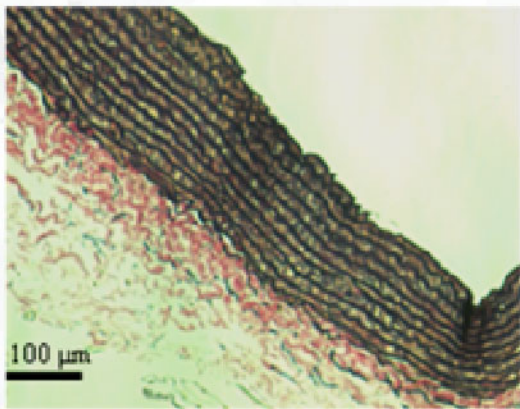


Blood pressure was reduced in the short term and maintained in the long term

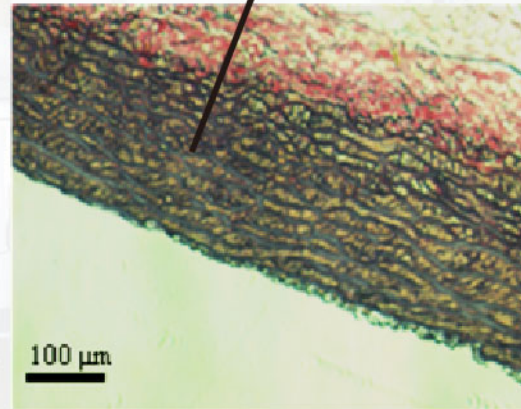
Animal Testing

The aorta thin sections of spontaneously hypertensive rats

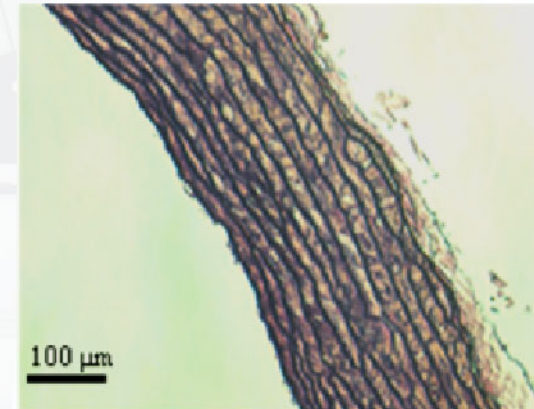
Irregular elastin fibers



Normal



Hypertensive

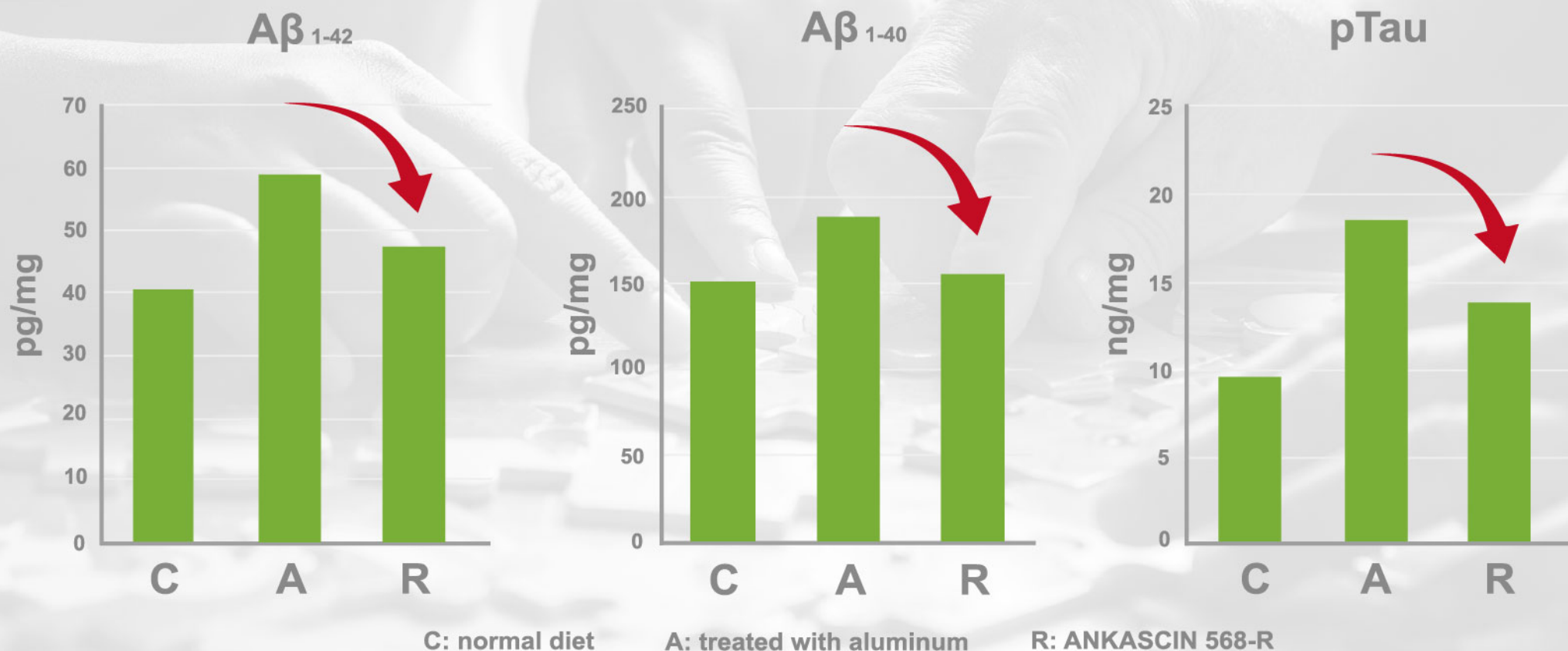


ANKASCIN 568-R

Elastin fibers were straighter and easier to manage
blood pressure change

ANKASCIN[®] 568-R supports memory and cognitive health

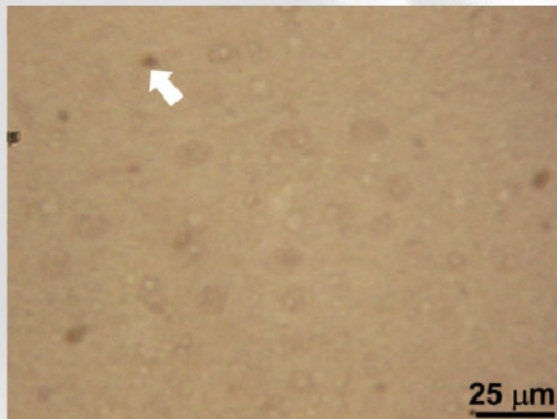
Animal Testing



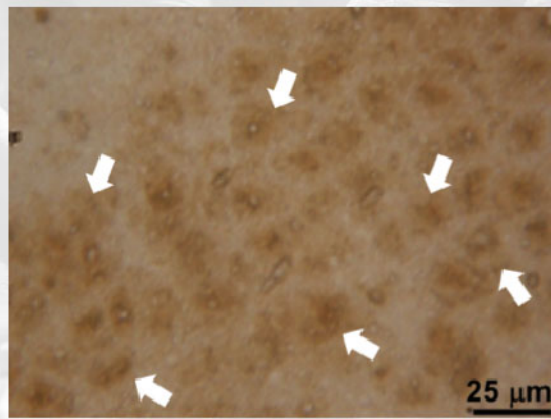
Key risk factors (A β ₁₋₄₂, A β ₁₋₄₀, pTau) for Alzheimer's disease (dementia) were significantly reduced in hippocampus

Animal Testing

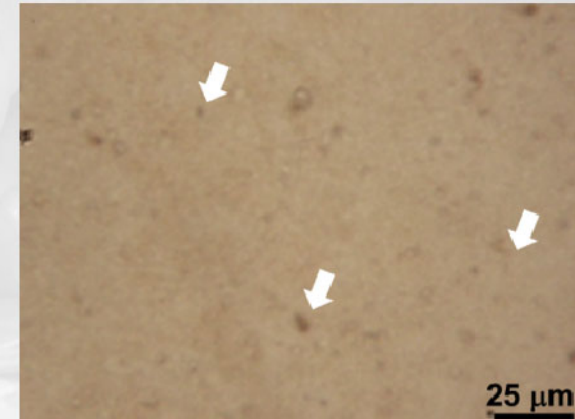
➔ Amyloid Precursor Protein (APP) expression



Control



Treated with
aluminum

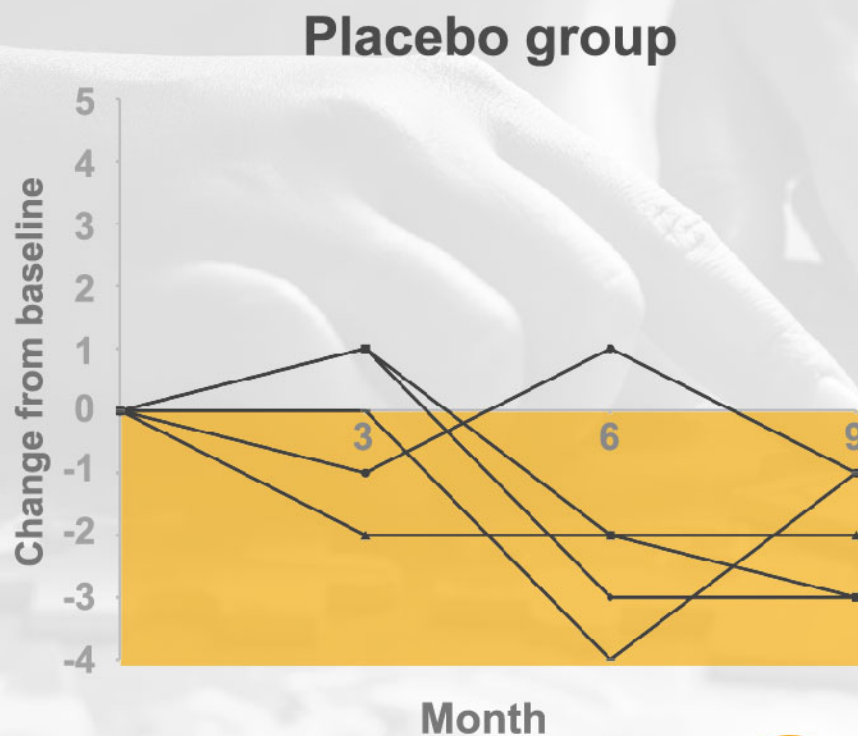


ANKASCIN 568-R

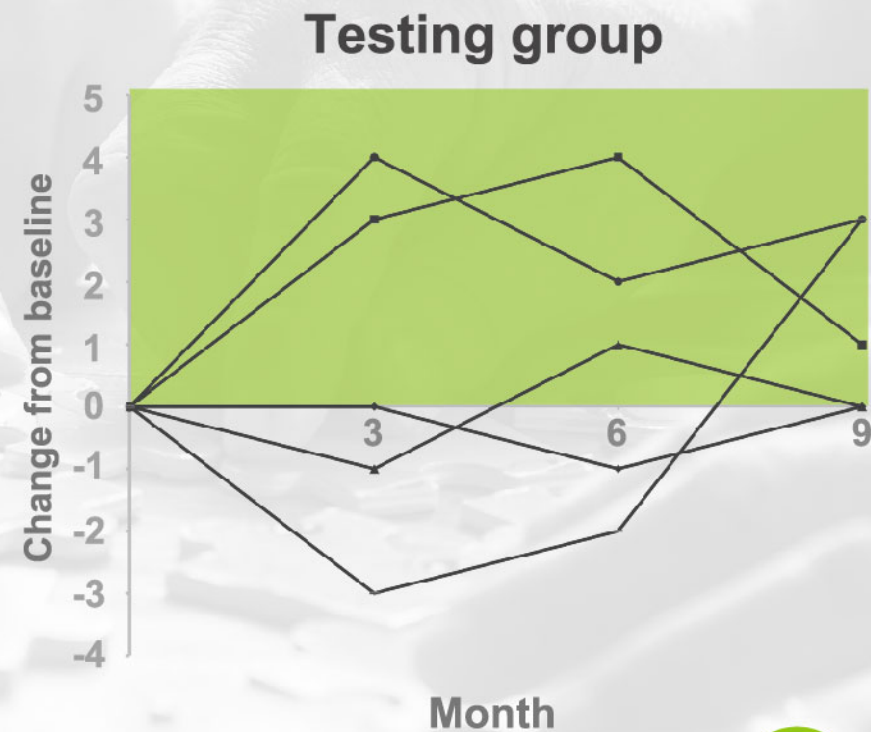
Another key risk factor (APP) for Alzheimer's disease was significantly reduced in hippocampus

Clinical Trial

MMSE (Mini-Mental State Examination): cognitive statuses Administration for 9 months



Clinical deterioration 😞



Clinical improvement 😊

Cognitive statuses were apparently improved

SAFETY

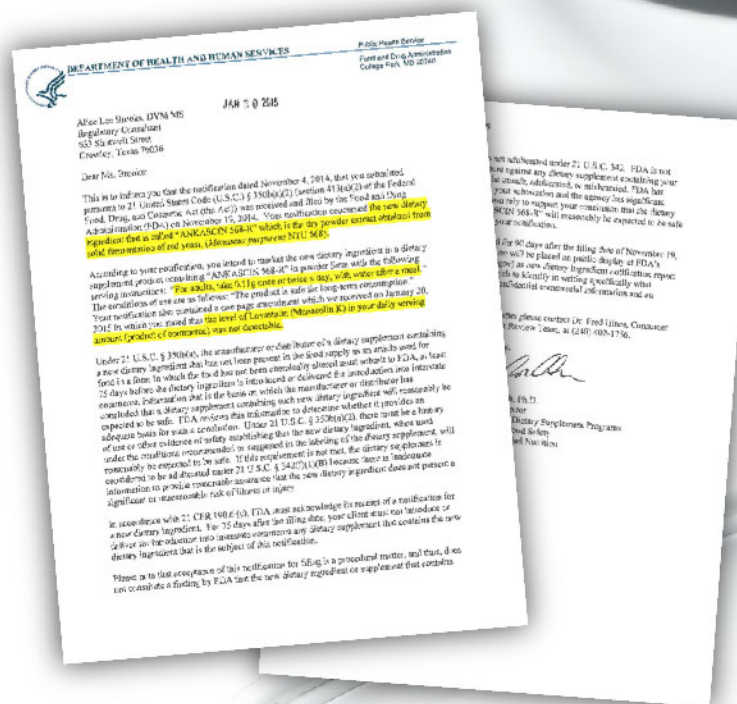
FDA-approved New Dietary Ingredient

Clinical Trials

- Liver functions
AST, ALT, γ -GTP
- Kidney functions
Creatinine, BUN,
pH in urine

Toxicity Tests

- 90-day oral toxicity
study (230X dosage)
- In vitro* chromosomal
aberration assay
- Micronucleus assay
- Ames test



ANKASCIN[®] 568-R

SPECIFICATIONS

Active compounds

Monascin \geq 28 mg/g
Ankaflavin \geq 9 mg/g

Aspect

Powder

Daily dosage

Blood lipids: 110 mg
Blood sugar: 220 mg
Blood pressure: 220 mg
Memory & cognitive health: 220 mg

Applicable formulation

Powder sachets, tablets, capsules



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**SupplySide[®]
WEST**

Las Vegas, USA

Sep 27-28 Booth #J166

PhytoActive Nutraceuticals, LLC.

Our authorized Distributor for ANKASCIN 568-R
Ingredient and Co-packer for ANKASCIN 568 Plus
Finished Product