

# Alzheimer's Disease- Update on Current Research

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# New Twist on Current Medicines

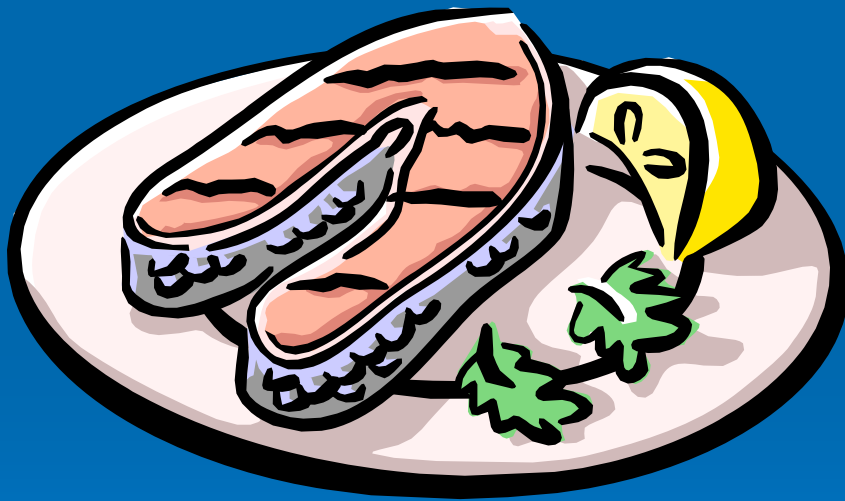
- Rivastigmine Transdermal Patch
- Comparison of 23mg Donepezil SR to 10 mg IM
- Memantine
  - Delaying the progression of driving impairment
  - In combination with Vitamin E
  - Compared to Donepezil in early stages
  - Communication
  - Comprehensive, Individualized Management of AD and Caregiver Burden

# New Twists

- Estrogen
- Testosterone
- Levadopa



# Not Just Nutritional Supplements



- DHA
- Isoflavones
- Antioxidants

# Two In One

➤ ZT-1

➤ PRX-0314



# LifeStyle



EXERCISE



# Insulin/Glucose Connection

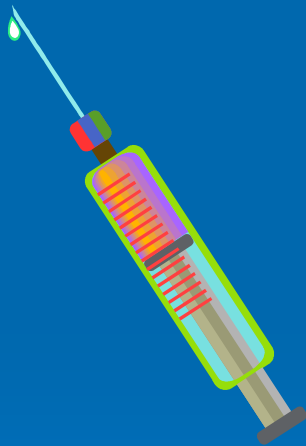
- Rosiglitazone
- D-pinitol
- SNIFF 120



# Altering or Preventing the Disease

## ➤ Vaccine

- Wyeth/Elan (II, III soon)
- Novartis/Cytos (I)
- Merck (I)
- Affiris (I)
- Institute of Molecular Medicine






# Altering or Preventing the Disease

- Selective Amyloid-beta lowering agents
- AL-108
- Antibiotics
- Nonsteroidal
- Simvastatin
- Vitamin E and Selenium

# Future Research-It's On Going

- SK-PC-B70M (II)
  - HF0220 (II)
  - GSK933776A (I)
  - PF-04360365 (I)
  - PAZ-417, SAM315 (I)
  - CTS-2166 (going to II)
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# Treating the Behavioral and Psychological Symptoms

- Depression
- Apathy
- Agitation
- Disrupted sleep
- Problems with Activities of Daily Living

# Treating the Behavioral and Psychological Symptoms

## ➤ Depression

- Sertraline
- Escitalopram
- Antidepressant + Donepezil

## ➤ Apathy

- Methylphenidate

# Treating the Behavioral and Psychological Symptoms

## ➤ Agitation

- Memantine
- Antipsychotic/divalproex
- Discontinuation of antipsychotic
- Prazosin
- Bifeprunox

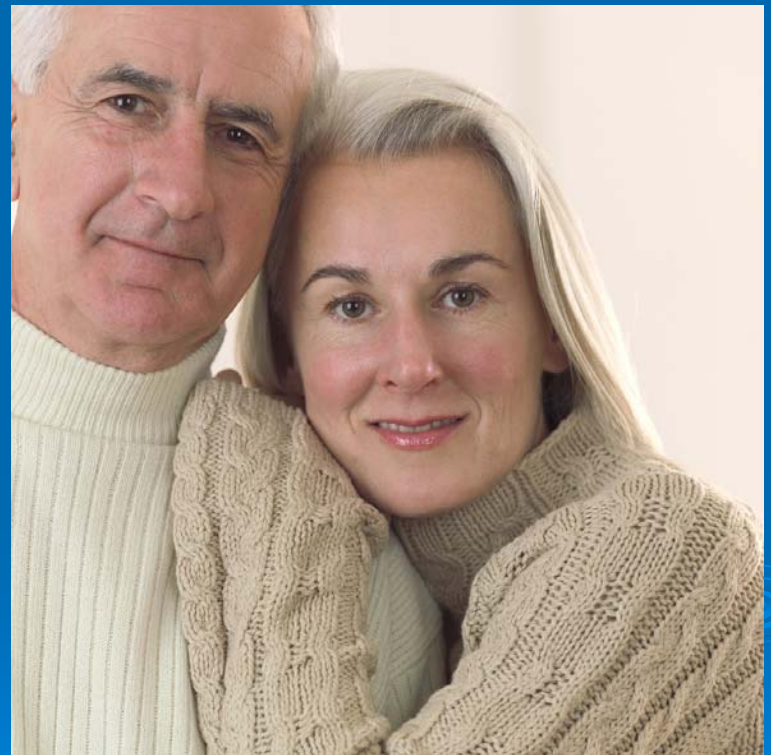
# Treating the Behavioral and Psychological Symptoms

- Sleep
- Bathing



# Other Research

- REVEAL III
- Couples Coping
- Intervention for Adult-Child Caregivers



# Resources

- [www.clinicaltrials.gov](http://www.clinicaltrials.gov)
  - Search by “Alzheimer’s Disease” or by drug company
- [www.alz.org](http://www.alz.org)
  - Research
- [www.alzforum.org](http://www.alzforum.org)
  - Alzheimer’s Research Forum