

# Diabetes – where are Americans now?

- ❑ **80% of diagnosed Type II diabetes is attributable to obesity (*NIH*)**
- ❑ **8.3% of American population is diabetic (*NIH*)**
- ❑ **6% increase in diabetes per year (*NIH*)**
- ❑ **Between 1990 -1998, prevalence of diagnosed diabetes increased 33% (*CDC 2002*)**

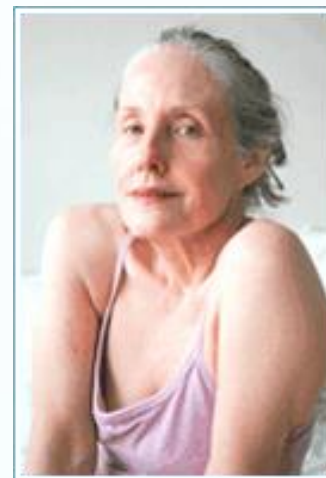


# Autoimmune Disorders Take off for U.S. Women

- ❑ **Autoimmune disorders afflict nearly 24 million Americans (9 out of 10 Americans cannot name a single one of these diseases)**
- ❑ **They include type 1 diabetes, Lupus, Graves' disease, vasculitis, myasthenia gravis, vitiligo, rheumatoid arthritis, celiac disease, scleroderma and upwards of 80 others**
- ❑ **75 to 80% of all sufferers are women**

# Autoimmune Diseases

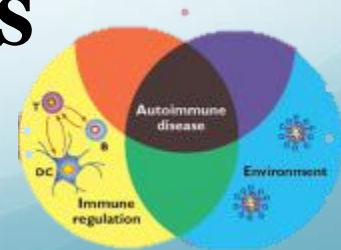
- ❑ **Autoimmune diseases are the eighth leading cause of death among women**
- ❑ **Afflicting them in their prime, shortening their lifespan by fifteen years**
- ❑ **Autoimmune diseases represent a yearly health-care burden of more than \$120 billion, compared to the yearly health-care burden of \$70 billion for direct medical costs for cancer.**



# Autoimmune Diseases

## Prevalence in comparison to other diseases

- ❑ 2.2 million women are living with breast cancer and 7.2 million women have coronary disease
- ❑ Estimated 9.8 million women are afflicted with one of the 7 more common autoimmune diseases



# Neurological Disorders

**Neurological disorders from Autism to Alzheimer's are on the rise**

- ❑ Autism has increased from 1 in 2000 children 20 years ago, to 1 in 110 children today**
- ❑ *Autism Speaks* and the CDC co-sponsored a workshop entitled “*U.S. Data to Evaluate Changes in the Prevalence of Autism Spectrum Disorders,*” found environmental factors such as pesticides and other toxins to be cause**



# Alzheimer's

**Alzheimer's is on the rise:**

- ❑ Alzheimer's is one of the top ten causes of death in the U.S. at present.**
- ❑ Anorexic patients are more at risk for Alzheimer's**
- ❑ Alzheimer's now thought to be diabetes for the brain – driven by insulin resistance and/or glucose levels that are too high**



# Allergies Among Children

## □ Allergies

- **Especially food allergies increased by 18% between 1997-2007**
- **Linked to Genetically Engineered (GE), Hyper-hybridized (HH), carcinogenic, autogenic, diabetic, obesogenic and addictive food additives.**



## □ Soy allergies

- **Increased in the UK by 50% with introduction of GE soy**