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Endocrine disrupting chemicals in mixture and obesity, diabetes and related metabolic disorders

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#### Abstract

Obesity and associated metabolic disorders represent a major societal challenge in health and quality of life with large psychological consequences in addition to physical disabilities. They are also one of the leading causes of morbidity and

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### **Endocrine-Disrupting Chemicals: An Endocrine Society Scientific ...**

<https://www.ncbi.nlm.nih.gov/.../PMC27...> National Center for Biotechnology Information ▾  
by E Diamanti-Kandarakis - 2009 - Cited by 1694 - [Related articles](#)

Environmental Chemicals, **Obesity**, and **Metabolism** ... E. **Endocrine disruptors**, **diabetes**, and glucose homeostasis .... Importance of **mixtures** .... The implications of EDCs have been proposed in **other disorders** of the female reproductive ...

### **[PDF] INTRODUCTION TO ENDOCRINE DISRUPTING CHEMICALS (ED...**

[www.endocrine.org/.../introduction-to-endocrine-disrupting-chemi...](http://www.endocrine.org/.../introduction-to-endocrine-disrupting-chemi...) ▾ Endocrine Society ▾  
by AC Gore - 2014 - [Related articles](#)

To raise global awareness about **endocrine-disrupting chemicals** (EDCs) the Endocrine Society and .... **Obesity**, **Metabolic Dysfunction** and **Related Disorders** ..... need to know the effects of combinations of compounds or **mixtures**. We also .... release and/or action, and people with type I **diabetes** will die without insulin.

### **[PDF] Endocrine Disrupting Chemicals - 2012 - UNEP**

[unep.org/pdf/9789241505031\\_eng.pdf](http://unep.org/pdf/9789241505031_eng.pdf) ▾ United Nations Environment Programme ▾  
Jul 16, 2012 - An assessment of the state of the science of **endocrine disruptors** prepared by a group of experts for the United Nations .... laboratory studies. • Many **endocrine-related** diseases and **disorders** are .... **mixtures** of EDCs and **disease** or **dysfunction** is .... **Obesity**, **diabetes** and **metabolic syndrome** are due.

### **Parma consensus statement on metabolic disruptors | Environmental ...**

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... prostate cancer, neuroendocrinology, thyroid, me- tabolism and **obesity**, and cardiovascular**endocrinology**. ... This figure demonstrates that all **hormone**-sensitive physiological systems are ...these limitations, con- sidering the substantial conservation of **endocrine** and reproductive ...

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**Endocrine disruptors in the etiology of type 2 diabetes mellitus**P Alonso-Magdalena, I Quesada, A Nadal - ... Reviews **Endocrinology**, 2011 - nature.com... syndrome, hyperglycemia, hyperlipidemia, abdominal **obesity**, cardiovascular **endocrinology**) |Reproductive **endocrinology** (including placental ... of the state-of-the-science of **endocrine disruptors**[online], (2010). ... in breast milk and maternal serum and thyroid **hormone** levels in ...

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**Endocrine disruptors: from endocrine to metabolic disruption**C Casals-Casas, B Desvergne - Annual review of physiology, 2011 - annualreviews.org  
... that plastics may cause in humans, particularly with respect to **endocrine-disrupting** properties. ...**chemicals** are also thought to adversely affect human health through **endocrine disruption** anddevelopmental ... and the effects of BFR exposure on sex steroid **hormone** systems are ...

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DH Lee, MW Steffes, A Sjödin, RS Jones, LL Needham... - PloS one, 2011 - journals.plos.org

... the risk of **diabetes** while higher dose POPs did not increase the risk[1], similar to known lowdose effects of **endocrine disruptors**[4], [5 ... Combinations of **endocrine disrupting chemicals** are



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## Parma consensus statement on metabolic disruptors

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: JJ Heindel - 2015 - 被引用次数: 30 - 相关文章

2015年6月20日 - Obesity is a complex endocrine disease caused by disruption of many .... science linking endocrine disruptors with obesity/diabetes/metabolic syndrome. .... mixture studies, and integration with other stressors including stress, ...

## Obesity and Metabolic Comorbidities: Environmental Diseases?

<https://www.hindawi.com/journals/omcl/2013/640673/> - 翻译此页

作者: C Lubrano - 2013 - 被引用次数: 44 - 相关文章

2013年2月5日 - Endocrine disrupting compounds (EDCs) are exogenous agents that ... People are exposed to complex mixtures of chemicals throughout their lives. ... Obesity is associated with type 2 diabetes mellitus (DM), ... As a consequence, any level of exposure may cause endocrine or metabolic abnormalities, ...

## The Involvement of Environmental Endocrine-Disrupting Chemicals in ...

<https://www.intechopen.com/...diabetes/the-involvement-of-environmental-e...> - 翻译此页

作者: C Purdel - 2015

跳到 Association between arsenic and diabetes - ... impact of EDCs on T2DM related to the physical properties of ... on the composition of chemical mixtures (especially for ... Effects of endocrine disruptors