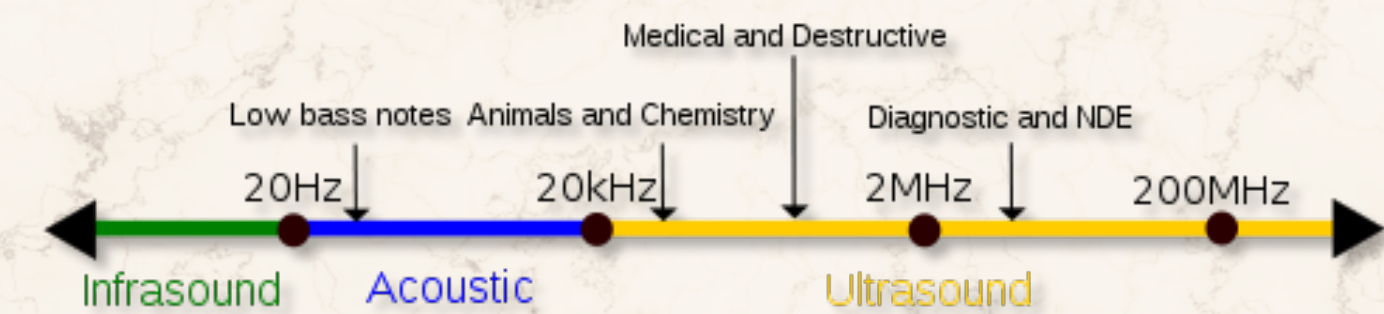


Autism is an increasingly common developmental disorder now affecting one child in 100, or perhaps more. It apparently affects boys more than girls in a ratio of 4:1, but some believe that girls tend to be under-diagnosed.

The rising frequency suggests that environmental triggers play a large role. Strongly suspected are vaccinations, mercury, gluten, various neurotoxins and electromagnetic fields. This map links the few studies published and a number of clinical discussions and articles on the subject of EMF.



Ultrasound\_range\_diagram.svg  
Fetal ultrasound has increased.

**Dr. Martha Herbert**

- [Interview on Autism](#)
- [Conversation with Cindy Sage](#)
- [PPT: Rationale for Research](#)

**Dr. Andrew Goldsworthy**

- [Autism more EMF risk than cancer](#)
- [Cell phones, calcium channels, autism](#)

**Peter Sullivan**

- [Clear Light Ventures Papers 2014-2016](#)
- [Emerging link, EMF, autism](#)
- [Wireless, key piece of puzzle](#)
- [Ending autism at home, in world](#)

**Dr. Peter Franch**

- [Cellphones, blood brain barrier](#)

**Delbert Parkinson**

- [Electromagnetic flux fields](#)
- [One, Two, Three, Four, Five, Six, Seven](#)

**Dr. Martin Pall**

- ★ [Autism, EMF, Chemicals](#)

**Dr. Robert Kane**

- [Autism and Electrical Pollution](#)

**Dr. T. C. Theoharides**

- [Gut, blood-brain barrier and mast cells](#)

**Dr. Toril Jelter**

- ★ [Children, EMF, Autism](#)

**Dr. Ian Thornton**

- [Mirror neurons, autism, EMF](#)

**Dr. Dietrich Klinghardt**

- [video](#)
- [audio](#)
- [Microwave exposure \(scroll down\)](#)

**Lilias Ahmeira**

- [Autism and EMF](#)

**Dr. George Carlo and Tamara Mariea**

- [Wireless, autism](#)
- [Interview with Dr. Oz](#)

**Lloyd Burrell**

- [EMF, autism, mix of video and text](#)

★ [BIOINITIATIVE 2017: Children's Development](#)

[BIOINITIATIVE 2012: Chapter on EMF and Autism](#)

[IMPORTANT STUDY: EMF and Autism: Part I](#)  
[EMF and Autism: Part II](#)

[Autism Summit: 38 Experts \(several discuss EMF\)](#)  
[PPT: Emil de Toffol](#)  
[PPT: Martin Pall](#)  
[YouTube: Dr. Martin Pall](#)



**EXAMPLES OF EARLY EXPOSURES**

- Prenatal ultrasound
- Pre/postnatal electric blankets
- Pre/postnatal cell phones, microwaves
- Neonatal electric fields, monitors

**NEURO-DEVELOPMENTAL EFFECTS**

- EMF membrane leakage, calcium efflux
- Mast cells from EMF, membrane leakage
- Wireless, impaired detoxification
- Early cortical pruning dysfunction
- Early mirror neuron timing errors

- Related maps
- [EMF and EEG](#)
  - [EMF and DNA](#)
  - [EMF and Toxins](#)
  - [EMF and Thinking](#)
  - [EMF and the Brain](#)
  - [Memory Functions](#)
  - [EMF and Melatonin](#)
  - [EMF and Magnetite](#)
  - [Nonlinearity in EMF](#)
  - [Mast Cell Response](#)
  - [Free Radical Activity](#)
  - [EMF and Mitochondria](#)
  - [EMF and Calcium Efflux](#)
  - [EMF and Interfacial Water](#)
  - [EMF and Physiologic Water](#)
  - [EMF and Multiple Hit Model](#)
  - [Membranes and Oscillations](#)

# EMF, AUTISM AND NEURODEVELOPMENT

[What is autism?](#) [Autism trends](#)  
[Increasing incidence](#)  
 ★ [42,000% increase](#)

EMF and autism articles

- [WiFi as a possible cause](#)
- ★ [Autism and screen time](#)
- [Health action safety network](#)
- [Sensory processing disorder](#)
- [Carbonyl Iron, EMF, Autism](#)
- [Ultrasound Autism Connection](#)
- [Canada testimony, EMF, autism](#)
- [Autism spikes in geek heartlands](#)
- [FoodsMatter: Autism and EMR](#)
- ["Disastrous" autism rates, radiation](#)
- [Autism increase and prenatal ultrasound](#)
- [Autism rates increase as EMF exposures rise](#)
- [Autism and prenatal ultrasound: Huffington Post](#)
- [Elect. Pollution: Autism, EMF during development](#)

**BABY MONITOR**

The wireless frequencies of baby monitors could be harmful.

Pesticide use has increased.

Cell phone and PDA use has increased.

Vaccinations may contain mercury.

Other Neurodevelopment

- ★ [Toddlers, tablets, smartph](#)
- ★ [Netherlands, influence of I](#)

Nervous system

- [Brain protein formation](#)
- [Maturation of neural cells](#)
- [Altered neural processing](#)
- [Oxidative damage to neural cells](#)
- [EMF Effects on the nervous system](#)
- [Microwaves and effect on nervous system](#)
- [Microwaves and the central nervous system](#)

Home: [Oscillatorium](#)  
 Newest version: [this map](#)  
 Date of this update: 02-04-18

Research links

- [Martin Pall, VGCC, EMF](#)
- [Fetal RF, neurodevelopmental disorders](#)

Studies

- ★ [EMF, incubators, autism?](#)
- [Evidence, autism, high gain antennas](#)
- ★ [Maternal EMF exposure, mercury fillings, autism](#)
- ★ [Children, phones, unparalleled developmental problem](#)

High gain antennas harmful?

Electric blankets are common.