Topic: Vaccination: Mumps-Measles-Rubella (MMR)
What is Cumulative Knowledge, and Why Should it Interest Me?

**Cumulative Knowledge** is determined by ascribing a numerical value to all the articles indexed on our database. The [GreenMedInfo.com](http://GreenMedInfo.com) algorithm appraises a study's overall evidentiary power and quality by generating a numerical value. This "Cumulative Knowledge" score incorporates variables such as study type, with the following types listed in descending order by their power: Meta-Analysis, Human Study, Human: Case Study, Animal: Transgenic, Animal, In Vitro, Review, and Commentary. The cumulative total will provide you an idea about the depth and quality of information that this topic has accumulated on our site. For instance, if you downloaded a document on "Cancers: All", you might see "Curcumin" with a **Cumulative Knowledge** of 677 and Resveratrol with a **Cumulative Knowledge** of 175. This does not mean that Curcumin is better, but just that we have gathered more quality research on the Substance Curcumin. [Click here to read a more in depth explanation](http://GreenMedInfo.com).

How are Topics and Articles Sorted in this PDF?

Articles in this document are placed within their respective **Topic** category. If you download a document on the Disease "Cancers: All" and are interested in all articles pertaining to the Substance "Curcumin" with regard to "Cancers: All", you will find them under the "Curcumin" sub-section underneath the **Cumulative Knowledge** section. **Topics** are sorted based on their **Cumulative Knowledge** in relation to the main topic of the download. In the previous example, it would be in relation to "Cancers: All". Articles are then sorted based on the articles **Published Date**. **Articles** are sorted in a descending fashion, which means that the most recent articles are displayed first. **Articles** may appear more than once in this document. For each **Topic** that an **Article** contains, it will be displayed in that sub-section. For example, if an **Article** contains the Substances "Pterostilbene" and "Resveratrol", the article will be displayed under each **Topic**.

Quick Summary: 30 Diseases

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Macrophagic myofasciitis
Neuritis: Brachial Plexus
Polymyelitis
Rheumatoid Arthritis
Systemic Lupus Erythematosus
Vasculitis

Quick Summary: 17 Problematic Actions

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<td>Vaccination: Lyme disease</td>
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<td>Vaccination: Rotavirus</td>
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Total Distinct Articles in this Document - 26

Category: Diseases

Topic: Vaccine-induced Toxicity

*Thimerosol-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders.*  
- GMI Summary


Article Published Date: Mar 01, 2004

Authors: David A Geier, Mark R Geier

Study Type: Meta Analysis

Additional Links

Diseases: Autism: CK(570) : AC(65), Autism Spectrum Disorders: CK(1160) : AC(112), Vaccine-induced Toxicity: CK(1169) : AC(180)

Anti Therapeutic Actions: Vaccination: All: CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR): CK(228) : AC(26)

*Vaccination is associated with a rare autoimmune neurological condition transverse myelitis.*  
- GMI Summary

Pubmed Data: Lupus. 2009 Nov;18(13):1198-204. PMID: 19880568

Article Published Date: Nov 01, 2009

Authors: N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

Study Type: Meta Analysis

Additional Links

Diseases: Myelitis: CK(39) : AC(5), Vaccine-induced Toxicity: CK(1169) : AC(180)

Anti Therapeutic Actions: Vaccination: Diphtheria-Pertussis-Tetanus: CK(282) : AC(31), Vaccination:
**Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children.** - GMI Summary

**Article Published Date** : Apr 01, 2003  
**Authors** : Vijendra K Singh, Ryan L Jensen  
**Study Type** : Human Study  
**Additional Links**  
**Diseases** : Autism Spectrum Disorders : CK(1160) : AC(112), Vaccine-induced Toxicity : CK(1169) : AC(180)  
**Anti Therapeutic Actions** : Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

**Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis.** - GMI Summary

**Article Published Date** : Jan 01, 2009  
**Authors** : Cecilia Ahlgren, Kjell Torén, Anders Odén, Oluf Andersen  
**Study Type** : Human Study  
**Additional Links**  
**Diseases** : Multiple Sclerosis : CK(746) : AC(133), Vaccine-induced Toxicity : CK(1169) : AC(180)  
**Anti Therapeutic Actions** : Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

**Combined MMR and varicella live vaccine is associated with higher rates of febrile convolution than giving the vaccines separately.** - GMI Summary

**Article Published Date** : Jul 23, 2009  
**Authors** : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier  
**Study Type** : Human Study  
**Additional Links**  
**Diseases** : Febrile Seizures : CK(83) : AC(5), Vaccine-induced Toxicity : CK(1169) : AC(180), Varicella : CK(50) : AC(5)  
**Anti Therapeutic Actions** : Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26), Vaccination: Varicella (Chicken pox) : CK(164) : AC(20)

**Incidence of adverse reactions to vaccines in pediatric populations are underreported and may be as high as 43.4% for certain vaccine combinations.** - GMI Summary

**Pubmed Data** : Clin Drug Investig. 2004;24(8):457-63. PMID: 17523706  
**Article Published Date** : Jan 01, 2004  
**Authors** : Pilar Carrasco-Garrido, Carmen Gallardo-Pino, Rodrigo Jiménez-García, Miguel A Tapia, Angel Gil de Miguel  
**Study Type** : Human Study  
**Additional Links**  
**Diseases** : Vaccine-induced Toxicity : CK(1169) : AC(180)  
**Anti Therapeutic Actions** : Vaccination: All : CK(3934) : AC(312), Vaccination: Diphtheria-Pertussis-Tetanus : CK(282) : AC(31), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

**Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders.** - GMI Summary
Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura. - GMI Summary

Thrombocytopenic purpura following vaccination in early childhood has been reported. - GMI Summary

Vaccination-associated adverse events occur in approximately 1 of every 6 toddlers receiving measles-mumps-rubella vaccine dose 1, with high fever occurring in 1 of 20 - GMI Summary

Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary
Diseases: Demyelinating Diseases: CK(1309) : AC(247), Multiple Sclerosis : CK(746) : AC(133), Rubella : CK(54) : AC(4), Vaccine-induced Toxicity : CK(1169) : AC(180)
Additional Keywords: Molecular Mimicry : CK(47) : AC(10)
Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary

Article Published Date: May 25, 1994
Authors: K R Stratton, C J Howe, R B Johnston
Study Type: Review
Additional Links

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Article Published Date: Feb 01, 2010
Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard
Study Type: Commentary
Additional Links

Topic: Autism Spectrum Disorders

Thimerosol-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders. - GMI Summary

Article Published Date: Mar 01, 2004
Authors: David A Geier, Mark R Geier
Study Type: Meta Analysis
Additional Links
Diseases: Autism : CK(570) : AC(65), Autism Spectrum Disorders : CK(1160) : AC(112), Vaccine-induced Toxicity : CK(1169) : AC(180)
Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children. - GMI Summary
Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI

The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism. - GMI

Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral (wild and vaccine-induced) infection. - GMI

Biological assays lend support to the association between measles virus or MMR and autism. - GMI
**Diseases**: Autism Spectrum Disorders : CK(1160) : AC(112)
**Anti Therapeutic Actions**: Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

**MMR vaccine may induce autoantibody formation against the gut (secretin or its receptor) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder.** - GMI Summary

**Pubmed Data**: Med Hypotheses. 2003 May;60(5):650-3. PMID: 12710897
**Article Published Date**: May 01, 2003
**Authors**: Bijal K Mehta, Kerim M Munir
**Study Type**: Commentary

**Diseases**: Autism : CK(570) : AC(65), Autism Spectrum Disorders : CK(1160) : AC(112), Autoimmune Diseases : CK(5523) : AC(880), Measles : CK(193) : AC(8)
**Additional Keywords**: Molecular Mimicry : CK(47) : AC(10)
**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Topic: Measles**

"**The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate.**" - GMI Summary

**Article Published Date**: Dec 31, 2011
**Authors**: Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj
**Study Type**: Meta Analysis

**Diseases**: Measles : CK(193) : AC(8), Mumps : CK(41) : AC(1), Rubella : CK(54) : AC(4)
**Additional Keywords**: Rubella : CK(54) : AC(4), Vaccine Safety : CK(21) : AC(2)
**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine.** - GMI Summary

**Pubmed Data**: BMJ. 1995 Jun 24 ;310(6995):1629-32. PMID: 7795447
**Article Published Date**: Jun 23, 1995
**Authors**: R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis
**Study Type**: Human Study

**Diseases**: Measles : CK(193) : AC(8), Mumps : CK(41) : AC(1), Rubella : CK(54) : AC(4)
**Additional Keywords**: Vaccine Failure : CK(123) : AC(13)
**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism.** - GMI Summary

**Article Published Date**: Jul 01, 2002
**Authors**: Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson
**Study Type**: Human Study

**Diseases**: Autism : CK(570) : AC(65), Autism Spectrum Disorders : CK(1160) : AC(112), Autoimmune Diseases : CK(5523) : AC(880), Measles : CK(193) : AC(8)
**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)
**MMR vaccine may induce autoantibody formation against the gut (secretin or its receptor) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder.** - GMI Summary


*Article Published Date*: May 01, 2003

*Authors*: Bijal K Mehta, Kerim M Munir

*Study Type*: Commentary

*Additional Links*

- **Diseases**: Autism : CK(570) : AC(65), Autism Spectrum Disorders : CK(1160) : AC(112), Autoimmune Diseases : CK(5523) : AC(880), Measles : CK(193) : AC(8)
- **Additional Keywords**: Molecular Mimicry : CK(47) : AC(10)
- **Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Topic: Mumps**

"The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate." - GMI Summary


*Article Published Date*: Dec 31, 2011

*Authors*: Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj

*Study Type*: Meta Analysis

*Additional Links*

- **Diseases**: Measles : CK(193) : AC(8), Mumps : CK(41) : AC(1), Rubella : CK(54) : AC(4)
- **Additional Keywords**: Rubella : CK(54) : AC(4), Vaccine Safety : CK(21) : AC(2)
- **Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Fifty-one percent of cases of patients in a 1998/1999 mumps outbreak had at least one MMR vaccination, indicating their effectiveness may be overestimated.** - GMI Summary


*Article Published Date*: Jun 30, 2005

*Authors*: Richard Harling, Joanne M White, Mary E Ramsay, Karen F Macsween, Corry van den Bosch

*Study Type*: Human Study

*Additional Links*

- **Diseases**: Mumps : CK(41) : AC(1)
- **Anti Therapeutic Actions**: Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine.** - GMI Summary


*Article Published Date*: Jun 23, 1995

*Authors*: R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis

*Study Type*: Human Study

*Additional Links*

- **Diseases**: Measles : CK(193) : AC(8), Mumps : CK(41) : AC(1), Rubella : CK(54) : AC(4)
- **Additional Keywords**: Vaccine Failure : CK(123) : AC(13)
- **Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Topic: Autism**
Thimerosal-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders. - GMI Summary

Authors: David A Geier, Mark R Geier
Study Type: Meta Analysis
Additional Links
Diseases: Autism: CK(570) : AC(65), Autism Spectrum Disorders: CK(1160) : AC(112), Vaccine-induced Toxicity: CK(1169) : AC(180)
Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism. - GMI Summary

Authors: Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson
Study Type: Human Study
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Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral (wild and vaccine-induced) infection. - GMI Summary

Authors: Vijendra K Singh
Study Type: Commentary
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Diseases: Autism: CK(570) : AC(65), Autism Spectrum Disorders: CK(1160) : AC(112), Autoimmune Diseases: CK(5523) : AC(880)
Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

MMR vaccine may induce autoantibody formation against the gut (secretin or its receptor) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder. - GMI Summary

Pubmed Data: Med Hypotheses. 2003 May;60(5):650-3. PMID: 12710897
Authors: Bijal K Mehta, Kerim M Munir
Study Type: Commentary
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Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Topic: Rubella
"The design and reporting of safety outcomes in MMR vaccine studies, both pre-
and post-marketing, are largely inadequate." - GMI Summary

Article Published Date: Dec 31, 2011
Authors: Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj
Study Type: Meta Analysis
Additional Links
Diseases: Measles : CK(193) : AC(8), Mumps : CK(41) : AC(1), Rubella : CK(54) : AC(4)
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Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine. - GMI Summary

Article Published Date: Jun 23, 1995
Authors: R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis
Study Type: Human Study
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Diseases: Measles : CK(193) : AC(8), Mumps : CK(41) : AC(1), Rubella : CK(54) : AC(4)
Additional Keywords: Vaccine Failure : CK(123) : AC(13)
Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary

Pubmed Data: J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: 11536329
Article Published Date: Sep 01, 2001
Authors: C Besson Duvanel, P Honegger, J M Matthieu
Study Type: Animal Study
Additional Links
Diseases: Demyelinating Diseases : CK(1309) : AC(247), Multiple Sclerosis : CK(746) : AC(133), Rubella : CK(54) : AC(4), Vaccine-induced Toxicity : CK(1169) : AC(180)
Additional Keywords: Molecular Mimicry : CK(47) : AC(10)
Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Topic: Purpura: Thrombocytopenic

Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura. - GMI Summary

Article Published Date: Mar 01, 2008
Authors: Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,
Study Type: Human Study
Additional Links
Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)
**MMR vaccination is associated with an increased risk for idiopathic thrombocytopaenic purpura.** - GMI Summary


Article Published Date: Jan 01, 2003

Authors: Corri Black, James A Kaye, Hershel Jick

Study Type: Human Study

Additional Links


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**Thrombocytopenic purpura following vaccination in early childhood has been reported.** - GMI Summary

Pubmed Data: J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: 21145511

Article Published Date: Dec 01, 2010

Authors: Yuh-Lin Hsieh, Lung-Huang Lin

Study Type: Human Study

Additional Links


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**The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.** - GMI Summary


Article Published Date: May 25, 1994

Authors: K R Stratton, C J Howe, R B Johnston

Study Type: Review

Additional Links


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**Topic: Thrombocytopenia**

**Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura.** - GMI Summary


Article Published Date: Mar 01, 2008

Authors: Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,

Study Type: Human Study

Additional Links


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**MMR vaccination is associated with an increased risk for idiopathic thrombocytopaenic purpura.** - GMI Summary
MMR vaccination is associated with an increased risk of developing acute immune thrombocytopenia in childhood. - GMI Summary

Vaccination is associated with a rare autoimmune neurological condition transverse myelitis. - GMI Summary

The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism. - GMI Summary

Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral (wild and vaccine-induced) infection. - GMI Summary
MMR vaccine may induce autoantibody formation against the gut (secretin or its receptor) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder. - GMI Summary

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis. - GMI Summary

Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary
Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary

Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary

Topic: Asthma

Topic: Chickenpox
**Topic: Corticosteroid-Induced Toxicity**

Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease. - GMI Summary


Authors: Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen

**Topic: Febrile Seizures**

Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately. - GMI Summary


Authors: Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier

**Topic: Inflammatory Bowel Diseases**

Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI Summary


Authors: H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield

**Topic: Ulcerative Colitis**

*Add memo text*
Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI Summary

Article Published Date : Apr 01, 2000
Authors : H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield
Study Type : Human Study
Additional Links
Diseases : Autism Spectrum Disorders : CK(1160) : AC(112), Inflammatory Bowel Diseases : CK(686) : AC(106), Ulcerative Colitis : CK(200) : AC(40), Vaccine-induced Toxicity : CK(1169) : AC(180)
Anti Therapeutic Actions : Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately. - GMI Summary

Article Published Date : Jul 23, 2009
Authors : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier
Study Type : Human Study
Additional Links
Anti Therapeutic Actions : Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26), Vaccination: Varicella (Chicken pox) : CK(164) : AC(20)

Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: 11536329
Article Published Date : Sep 01, 2001
Authors : C Besson Duvanel, P Honegger, J M Matthieu
Study Type : Animal Study
Additional Links
Diseases : Demyelinating Diseases : CK(1309) : AC(247), Multiple Sclerosis : CK(746) : AC(133), Rubella : CK(54) : AC(4), Vaccine-induced Toxicity : CK(1169) : AC(180)
Additional Keywords : Molecular Mimicry : CK(47) : AC(10)
Anti Therapeutic Actions : Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary

Article Published Date : May 25, 1994
Authors : K R Stratton, C J Howe, R B Johnston
Vaccination may contribute to causing a wide variety of autoimmune disorders.

**- GMI Summary**

**Pubmed Data**: Discov Med. 2010 Feb;9(45):90-7. PMID: 20193633

**Article Published Date**: Feb 01, 2010

**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

**Study Type**: Commentary

**Additional Links**


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**Topic: Anaphylaxis**

*The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.*

**- GMI Summary**

**Pubmed Data**: JAMA. 1994 May 25;271(20):1602-5. PMID: 8182813

**Article Published Date**: May 25, 1994

**Authors**: K R Stratton, C J Howe, R B Johnston

**Study Type**: Review

**Additional Links**


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**Topic: Hepatitis B**

*The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.*

**- GMI Summary**

**Pubmed Data**: JAMA. 1994 May 25;271(20):1602-5. PMID: 8182813

**Article Published Date**: May 25, 1994

**Authors**: K R Stratton, C J Howe, R B Johnston

**Study Type**: Review

**Additional Links**


Topic: Human Papillomavirus (HPV)

Vaccination may contribute to causing a wide variety of autoimmune disorders.

GMI Summary


Article Published Date: Feb 01, 2010

Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type: Commentary

Additional Links


Topic: Inflammatory Myopathy

Vaccination may contribute to causing a wide variety of autoimmune disorders.

GMI Summary


Article Published Date: Feb 01, 2010

Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type: Commentary

Additional Links


Topic: Macrophagic myofasciitis

Vaccination may contribute to causing a wide variety of autoimmune disorders.

GMI Summary


Article Published Date: Feb 01, 2010

Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type: Commentary

Additional Links


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**Topic: Neuritis: Brachial Plexus**

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary


**Article Published Date** : May 25, 1994

**Authors** : K R Stratton, C J Howe, R B Johnston

**Study Type** : Review

**Additional Links**


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**Topic: Poliomyelitis**

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary


**Article Published Date** : May 25, 1994

**Authors** : K R Stratton, C J Howe, R B Johnston

**Study Type** : Review

**Additional Links**


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**Topic: Rheumatoid Arthritis**

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

**Pubmed Data** : Discov Med. 2010 Feb;9(45):90-7. PMID: 20193633

**Article Published Date** : Feb 01, 2010

**Authors** : Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

**Study Type** : Commentary

**Additional Links**


### Topic: Systemic Lupus Erythematosus

**Vaccination may contribute to causing a wide variety of autoimmune disorders.**

- **GMI Summary**

**Pubmed Data**: Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

**Article Published Date**: Feb 01, 2010

**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

**Study Type**: Commentary

**Additional Links**


### Topic: Vasculitis

**Vaccination may contribute to causing a wide variety of autoimmune disorders.**

- **GMI Summary**

**Pubmed Data**: Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)

**Article Published Date**: Feb 01, 2010

**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

**Study Type**: Commentary

**Additional Links**


### Category: Anti-Therapeutic Actions

**Topic**: Vaccination: Mumps-Measles-Rubella (MMR)

"The design and reporting of safety outcomes in MMR vaccine studies, both pre-and post-marketing, are largely inadequate." - **GMI Summary"
Thimerosol-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders.  - GMI Summary

Vaccination is associated with a rare autoimmune neurological condition transverse myelitis.  - GMI Summary

Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease.  - GMI Summary

Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children.  - GMI Summary
Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis. - GMI Summary


Article Published Date: Jan 01, 2009

Authors: Cecilia Ahlgren, Kjell Torén, Anders Odén, Oluf Andersen

Study Type: Human Study

Additional Links

Diseases: Multiple Sclerosis: CK(746) : AC(133), Vaccine-induced Toxicity: CK(1169) : AC(180)

Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately. - GMI Summary


Article Published Date: Jul 23, 2009

Authors: Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier

Study Type: Human Study

Additional Links


Anti Therapeutic Actions: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26), Vaccination: Varicella (Chicken pox): CK(164) : AC(20)

Fifty-one percent of cases of patients in a 1998/1999 mumps outbreak had at least one MMR vaccination, indicating their effectiveness may be overestimated. - GMI Summary

Pubmed Data: Vaccine. 2005 Jul 1 ;23(31):4070-4. PMID: 15950329

Article Published Date: Jun 30, 2005

Authors: Richard Harling, Joanne M White, Mary E Ramsay, Karen F Macsween, Corry van den Bosch

Study Type: Human Study

Additional Links

Diseases: Mumps: CK(41) : AC(1)

Anti Therapeutic Actions: Vaccination: Mumps-Measles-Rubella (MMR): CK(228) : AC(26)

Incidence of adverse reactions to vaccines in pediatric populations are under-reported and may be as high as 43.4% for certain vaccine combinations. - GMI Summary


Article Published Date: Jan 01, 2004

Authors: Pilar Carrasco-Garrido, Carmen Gallardo-Pino, Rodrigo Jiménez-García, Miguel A Tapias, Angel Gil de Miguel

Study Type: Human Study

Additional Links

Diseases: Vaccine-induced Toxicity: CK(1169) : AC(180)


Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI Summary
Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine. - GMI Summary

Article Published Date: Apr 01, 2000
Authors: H Kawashima, T Mori, Y Kashiwagi, K Takekuma, A Hoshika, A Wakefield
Study Type: Human Study
Additional Links

Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura. - GMI Summary

Article Published Date: Jun 23, 1995
Authors: R J Roberts, Q D Sandifer, M R Evans, M Z Nolan-Farrell, P M Davis
Study Type: Human Study
Additional Links
Additional Keywords: Vaccine Failure: CK(123): AC(13)

MMR vaccination is associated with an increased risk for idiopathic thrombocytopaenic purpura. - GMI Summary

Article Published Date: Mar 01, 2008
Authors: Eric K France, Jason Glanz, Stanley Xu, Simon Hambidge, Kristi Yamasaki, Steve B Black, Michael Marcy, John P Mullooly, Lisa A Jackson, James Nordin, Edward A Belongia, K Hohman, Robert T Chen, Robert Davis,
Study Type: Human Study
Additional Links

MMR vaccination is associated with an increased risk of developing acute immune thrombocytopenia in childhood. - GMI Summary

Article Published Date: Jan 01, 2003
Authors: Corri Black, James A Kaye, Hershel Jick
Study Type: Human Study
Additional Links

MMR vaccination is associated with an increased risk of developing acute immune thrombocytopenia in childhood. - GMI Summary

Article Published Date: Jan 01, 2010
Authors: Federica Bertuola, Carla Morando, Francesca Menniti-Ippolito, Roberto Da Cas, Annalisa Capuano, Giorgio Perilongo, Liviana Da Dalt
Study Type: Human Study
Additional Links
**Diseases**: Thrombocytopenia : CK(231) : AC(25)  
**Anti Therapeutic Actions**: Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

**The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.** - GMI Summary

**Article Published Date**: Sep 01, 2009  
**Authors**: Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld  
**Study Type**: Human Study  
**Additional Links**


**The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism.** - GMI Summary

**Article Published Date**: Jul 01, 2002  
**Authors**: Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson  
**Study Type**: Human Study  
**Additional Links**

**Diseases**: Autism : CK(570) : AC(65), Autism Spectrum Disorders : CK(1160) : AC(112), Autoimmune Diseases : CK(5523) : AC(880), Measles : CK(193) : AC(8)

**The thrombocytopenic purpura following vaccination in early childhood has been reported.** - GMI Summary

**Pubmed Data**: J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: 21145511  
**Article Published Date**: Dec 01, 2010  
**Authors**: Yuh-Lin Hsieh, Lung-Huang Lin  
**Study Type**: Human Study  
**Additional Links**

**Diseases**: Purpura: Thrombocytopenic : CK(800) : AC(24), Vaccine-induced Toxicity : CK(1169) : AC(180)

**Vaccination timing and co-administration may be associated with increased mortality, especially in females.** - GMI Summary

**Pubmed Data**: Vaccine. 2006 May 29;24(22):4701-8. Epub 2006 Mar 31. PMID: 16621182  
**Article Published Date**: May 29, 2006  
**Authors**: Peter Aaby, Henrik Jensen, Gijs Walraven  
**Study Type**: Human Study  
**Additional Links**


**Vaccination-associated adverse events occur in approximately 1 of every 6 toddlers receiving measles-mumps-rubella vaccine dose 1, with high fever occurring in 1 of 20.** - GMI Summary

**Article Published Date**: Oct 01, 2006
Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary

Pubmed Data : J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: 11536329
Article Published Date : Sep 01, 2001
Authors : C Besson Duvanel, P Honegger, J M Matthieu

Aborted fetal cells (diploid) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines. - GMI Summary

Article Published Date : May 01, 2008
Authors : José Luís Redondo Calderón

Autoimmune autistic disorder, a major subset of autism, is associated with autoimmune formation caused by viral (wild and vaccine-induced) infection. - GMI Summary

Article Published Date : Jul 01, 2009
Authors : Vijendra K Singh

Biological assays lend support to the association between measles virus or MMR and autism. - GMI Summary

Article Published Date : Jan 31, 2005
Authors : Jane E Libbey, Thayne L Sweeten, William M McMahon, Robert S Fujinami
MMR vaccine may induce autoantibody formation against the gut (secretin or its receptor) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder.

- GMI Summary

Pubmed Data: Med Hypotheses. 2003 May;60(5):650-3. PMID: 12710897
Article Published Date: May 01, 2003
Authors: Bijal K Mehta, Kerim M Munir
Study Type: Commentary
Additional Links
Additional Keywords: Molecular Mimicry: CK(47): AC(10)

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.
- GMI Summary

Article Published Date: May 25, 1994
Authors: K R Stratton, C J Howe, R B Johnston
Study Type: Review
Additional Links

Vaccination may contribute to causing a wide variety of autoimmune disorders.
- GMI Summary

Article Published Date: Feb 01, 2010
Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard
Study Type: Commentary
Additional Links

Topic: Vaccination: All

"The design and reporting of safety outcomes in MMR vaccine studies, both pre- and post-marketing, are largely inadequate." - GMI Summary

Article Published Date: Dec 31, 2011
Authors: Vittorio Demicheli, Alessandro Rivetti, Maria Grazia Debalini, Carlo Di Pietrantonj
Study Type: Meta Analysis
Additional Links
**Thimerosol-containing vaccines are associated with autism prevalence and measles-containing vaccines are associated with serious neurological disorders.** - GMI Summary


**Article Published Date**: Mar 01, 2004

**Authors**: David A Geier, Mark R Geier

**Study Type**: Meta Analysis

**Additional Links**

**Diseases**: Autism : CK(570) : AC(65), Autism Spectrum Disorders : CK(1160) : AC(112), Vaccine-induced Toxicity : CK(1169) : AC(180)

**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease.** - GMI Summary

**Pubmed Data**: Pediatrics. 2003 Aug;112(2):e98-103. PMID: 12897314

**Article Published Date**: Aug 01, 2003

**Authors**: Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen,

**Study Type**: Human Study

**Additional Links**

**Diseases**: Asthma : CK(918) : AC(140), Chickenpox : CK(80) : AC(8), Corticosteroid-Induced Toxicity : CK(78) : AC(17)

**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26), Vaccination: Varicella (Chicken pox) : CK(164) : AC(20)

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**Autistic children have elevated levels of measles antibodies indicating that measles vaccination may be causing autoimmunity in these children.** - GMI Summary

**Pubmed Data**: Pediatr Neurol. 2003 Apr;28(4):292-4. PMID: 12849883

**Article Published Date**: Apr 01, 2003

**Authors**: Vijendra K Singh, Ryan L Jensen

**Study Type**: Human Study

**Additional Links**

**Diseases**: Autism Spectrum Disorders : CK(1160) : AC(112), Vaccine-induced Toxicity : CK(1169) : AC(180)

**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Children vaccinated with MMR before age 10 are at significantly higher risk of multiple sclerosis.** - GMI Summary


**Article Published Date**: Jan 01, 2009

**Authors**: Cecilia Ahlgren, Kjell Torén, Anders Odén, Oluf Andersen

**Study Type**: Human Study

**Additional Links**

**Diseases**: Multiple Sclerosis : CK(746) : AC(133), Vaccine-induced Toxicity : CK(1169) : AC(180)

**Anti Therapeutic Actions**: Vaccination: All : CK(3934) : AC(312), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Combined MMR and varicella live vaccine is associated with higher rates of febrile convolution than giving the vaccines separately.** - GMI Summary
Incidence of adverse reactions to vaccines in pediatric populations are under-reported and may be as high as 43.4% for certain vaccine combinations. - GMI Summary

Measles virus DNA from the MMR vaccine has been found in peripheral mononuclear cells in patients with ulcerative colitis and children with autism, indicating its possible role in the pathogenesis of these disorders. - GMI Summary

Measles, mumps, and rubella catch up immunisation in a measles epidemic did not appear to confer protection and was associated with a variety of new side effects of the vaccine. - GMI Summary

Measles-mumps-rubella vaccine that is given in the second year of life is associated with an increased risk of immune thrombocytopenia purpura. - GMI Summary
MRR vaccination is associated with an increased risk for idiopathic thrombocytopenic purpura. - GMI Summary


Article Published Date: Jan 01, 2003

Authors: Corri Black, James A Kaye, Hershel Jick

Study Type: Human Study

The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects. - GMI Summary


Article Published Date: Sep 01, 2009

Authors: Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

Study Type: Human Study

The measles-mumps-rubella vaccine causes autoantibodies to be formed against myelin basic protein (the protective coating of the nerves) contributing to the pathogenesis of autism. - GMI Summary


Article Published Date: Jul 01, 2002

Authors: Vijendra K Singh, Sheren X Lin, Elizabeth Newell, Courtney Nelson

Study Type: Human Study

Thrombocytopenic purpura following vaccination in early childhood has been reported. - GMI Summary


Article Published Date: Dec 01, 2010

Authors: Yuh-Lin Hsieh, Lung-Huang Lin

Study Type: Human Study


Vaccination timing and co-administration may be associated with increased mortality, especially in females. - GMI Summary

Article Published Date: May 29, 2006
Authors: Peter Aaby, Henrik Jensen, Gijs Walraven
Study Type: Human Study

Vaccination-associated adverse events occur in approximately 1 of every 6 toddlers receiving measles-mumps-rubella vaccine dose 1, with high fever occurring in 1 of 20 - GMI Summary

Article Published Date: Oct 01, 2006
Authors: Charles W LeBaron, Daoling Bi, Bradley J Sullivan, Carol Beck, Paul Gargiullo
Study Type: Human Study

Antibodies formed to rubella virus induce demyelination in rat brain cells, indicating that infection with and/or vaccination against rubella may induce autoimmune demyelination. - GMI Summary

Pubmed Data: J Neurosci Res. 2001 Sep 1;65(5):446-54. PMID: 11536329
Article Published Date: Sep 01, 2001
Authors: C Besson Duvanel, P Honegger, J M Matthieu
Study Type: Animal Study

Autoimmune autistic disorder, a major subset of autism, is associated with autoantibody formation caused by viral (wild and vaccine-induced) infection. - GMI Summary

Article Published Date: Jul 01, 2009
Authors: Vijendra K Singh
Study Type: Commentary

MMR vaccine may induce autoantibody formation against the gut (secretin or its receptor) and/or the brain, contributing to the pathogenesis of autism-spectrum disorder. - GMI Summary

Pubmed Data: Med Hypotheses. 2003 May;60(5):650-3. PMID: 12710897
Article Published Date: May 01, 2003
**Vaccination may contribute to causing a wide variety of autoimmune disorders.**

- **GMI Summary**

**Pubmed Data**: Discov Med. 2010 Feb;9(45):90-7. PMID: 20193633

**Article Published Date**: Feb 01, 2010

**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

**Study Type**: Commentary

**Additional Links**


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**Topic: Vaccination: Diphtheria-Pertussis-Tetanus**

**Vaccination is associated with a rare autoimmune neurological condition**

transverse myelitis. - **GMI Summary**

**Pubmed Data**: Lupus. 2009 Nov;18(13):1198-204. PMID: 19880568

**Article Published Date**: Nov 01, 2009

**Authors**: N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

**Study Type**: Meta Analysis

**Additional Links**

**Diseases**: Myelitis: CK(39) : AC(5), Vaccine-induced Toxicity: CK(1169) : AC(180)


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**Incidence of adverse reactions to vaccines in pediatric populations are under-reported and may be as high as 43.4% for certain vaccine combinations.** - **GMI Summary**

**Pubmed Data**: Clin Drug Investig. 2004;24(8):457-63. PMID: 17523706

**Article Published Date**: Jan 01, 2004

**Authors**: Pilar Carrasco-Garrido, Carmen Gallardo-Pino, Rodrigo Jiménez-García, Miguel A Tapías, Angel Gil de Miguel

**Study Type**: Human Study

**Additional Links**

**Diseases**: Vaccine-induced Toxicity: CK(1169) : AC(180)


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**The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.** - **GMI Summary**

Thrombocytopenic purpura following vaccination in early childhood has been reported. - GMI Summary

Pubmed Data: J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: 21145511

Vaccination timing and co-administration may be associated with increased mortality, especially in females. - GMI Summary


The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions. - GMI Summary


Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

**Vasculitis**: CK(48) : AC(11)


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**Topic:** Vaccination: Hepatitis B

**Vaccination is associated with a rare autoimmune neurological condition transverse myelitis.** - GMI Summary

**Pubmed Data**: Lupus. 2009 Nov;18(13):1198-204. PMID: 19880568

**Article Published Date**: Nov 01, 2009

**Authors**: N Agmon-Levin, S Kivity, M Szyper-Kravitz, Y Shoenfeld

**Study Type**: Meta Analysis

**Additional Links**

**Diseases**: Myelitis : CK(39) : AC(5), Vaccine-induced Toxicity : CK(1169) : AC(180)

**Anti Therapeutic Actions**: Vaccination: Diphtheria-Pertussis-Tetanus : CK(282) : AC(31), Vaccination: Hepatitis B : CK(367) : AC(50), Vaccination: Mumps-Measles-Rubella (MMR) : CK(228) : AC(26)

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**Thrombocytopenic purpura following vaccination in early childhood has been reported.** - GMI Summary

**Pubmed Data**: J Chin Med Assoc. 2010 Dec;73(12):634-7. PMID: 21145511

**Article Published Date**: Dec 01, 2010

**Authors**: Yuh-Lin Hsieh, Lung-Huang Lin

**Study Type**: Human Study

**Additional Links**

**Diseases**: Purpura: Thrombocytopenic : CK(800) : AC(24), Vaccine-induced Toxicity : CK(1169) : AC(180)


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**The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.** - GMI Summary

**Pubmed Data**: JAMA. 1994 May 25;271(20):1602-5. PMID: 8182813

**Article Published Date**: May 25, 1994

**Authors**: K R Stratton, C J Howe, R B Johnston

**Study Type**: Review

**Additional Links**


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**Vaccination may contribute to causing a wide variety of autoimmune disorders.** - GMI Summary

**Pubmed Data**: Discov Med. 2010 Feb;9(45):90-7. PMID: 20193633

**Article Published Date**: Feb 01, 2010

**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

**Study Type**: Commentary

**Additional Links**

**Diseases**: Autoimmune Diseases : CK(5523) : AC(880), Guillain-Barre Syndrome : CK(84) : AC(14), Human Papillomavirus (HPV) : CK(163) : AC(23), Inflammatory Myopathy : CK(81) : AC(5), Macrophagic
**myofasciitis** : CK(15) : AC(3), **Multiple Sclerosis** : CK(746) : AC(133), **Rheumatoid Arthritis** : CK(454) : AC(69), **Systemic Lupus Erythematosus** : CK(381) : AC(52), **Vaccine-induced Toxicity** : CK(1169) : AC(180), **Vasculitis** : CK(48) : AC(11)


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**Topic: Vaccination: Varicella (Chicken pox)**

**Administration of varicella vaccine before the age of 15 months, and the prescription of oral steroids, may be associated with a slightly increased risk of breakthrough disease.** - GMI Summary

**Article Published Date** : Aug 01, 2003
**Authors** : Thomas Verstraeten, Aisha O Jumaan, John P Mullooly, Jane F Seward, Hector S Izurieta, Frank DeStefano, Steven B Black, Robert T Chen
**Study Type** : Human Study
**Additional Links**
**Diseases** : Asthma : CK(918) : AC(140), Chickenpox : CK(80) : AC(8), Corticosteroid-Induced Toxicity : CK(78) : AC(17)

**Anti Therapeutic Actions** : **Vaccination: All** : CK(3934) : AC(312), **Vaccination: Mumps-Measles-Rubella (MMR)** : CK(228) : AC(26), **Vaccination: Varicella (Chicken pox)** : CK(164) : AC(20)

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**Combined MMR and varicella live vaccine is associated with higher rates of febrile convulsion than giving the vaccines separately.** - GMI Summary

**Article Published Date** : Jul 23, 2009
**Authors** : Steven J Jacobsen, Bradley K Ackerson, Lina S Sy, Trung N Tran, Tonia L Jones, Janis F Yao, Fagen Xie, T Craig Cheetham, Patricia Saddier
**Study Type** : Human Study
**Additional Links**
**Diseases** : Febrile Seizures : CK(83) : AC(5), Vaccine-induced Toxicity : CK(1169) : AC(180), Varicella : CK(50) : AC(5)

**Anti Therapeutic Actions** : **Vaccination: All** : CK(3934) : AC(312), **Vaccination: Mumps-Measles-Rubella (MMR)** : CK(228) : AC(26), **Vaccination: Varicella (Chicken pox)** : CK(164) : AC(20)

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**Aborted fetal cells (diploid) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines.** - GMI Summary

**Article Published Date** : May 01, 2008
**Authors** : José Luís Redondo Calderón
**Study Type** : Review
**Additional Links**
**Additional Keywords** : Diploid Cell Vaccines : CK(1) : AC(1)


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**Vaccination may contribute to causing a wide variety of autoimmune disorders.** - GMI Summary

**Pubmed Data** : Discov Med. 2010 Feb;9(45):90-7. PMID: 20193633
**Article Published Date** : Feb 01, 2010
**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard  
**Study Type**: Commentary  
**Additional Links**


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**Topic**: Vaccination: Haemophilus Influenzae

**The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.** - GMI Summary  
**Pubmed Data**: J Radiol Prot. 2009 Sep;29(3):429-43. Epub 2009 Aug 18. PMID: [20166340](#)  
**Article Published Date**: Sep 01, 2009  
**Authors**: Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld  
**Study Type**: Human Study  
**Additional Links**


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**Vaccination may contribute to causing a wide variety of autoimmune disorders.** - GMI Summary  
**Pubmed Data**: Discov Med. 2010 Feb;9(45):90-7. PMID: [20193633](#)  
**Article Published Date**: Feb 01, 2010  
**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard  
**Study Type**: Commentary  
**Additional Links**


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**Topic**: Vaccination: BCG (Tuberculosis)

**Vaccination timing and co-administration may be associated with increased mortality, especially in females.** - GMI Summary  
**Pubmed Data**: Vaccine. 2006 May 29;24(22):4701-8. Epub 2006 Mar 31. PMID: [16621182](#)  
**Article Published Date**: May 29, 2006  
**Authors**: Peter Aaby, Henrik Jensen, Gijs Walraven  
**Study Type**: Human Study  
**Additional Links**
**Topic: Vaccination: Combinations**

*The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.* - GMI Summary


**Article Published Date**: Sep 01, 2009

**Authors**: Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

**Study Type**: Human Study

**Additional Links**


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**Topic: Vaccination: Polio**

*The combination of MMR and DTaP-Hib-IPV vaccination is associated with significantly increased rates of adverse effects.* - GMI Summary


**Article Published Date**: Sep 01, 2009

**Authors**: Elena Shneyer, Avshalom Strulov, Yaakov Rosenfeld

**Study Type**: Human Study

**Additional Links**


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**Topic: Vaccination: Rabies**

*Aborted fetal cells (diploid) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines.* - GMI Summary


**Article Published Date**: May 01, 2008

**Authors**: José Luís Redondo Calderón

**Study Type**: Review

**Additional Keywords**: Diploid Cell Vaccines: CK(1): AC(1)


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**Vaccination may contribute to causing a wide variety of autoimmune disorders.** - GMI Summary

**Pubmed Data**: Discov Med. 2010 Feb;9(45):90-7. PMID: 20193633

**Article Published Date**: Feb 01, 2010

**Authors**: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

**Study Type**: Commentary
**Additional Links**

**Diseases**
- Autoimmune Diseases: CK(5523) : AC(880)
- Guillain-Barre Syndrome: CK(84) : AC(14)
- Human Papillomavirus (HPV): CK(163) : AC(23)
- Inflammatory Myopathy: CK(81) : AC(5)
- Macrophagic myofasciitis: CK(15) : AC(3)
- Multiple Sclerosis: CK(746) : AC(133)
- Rheumatoid Arthritis: CK(454) : AC(69)
- Systemic Lupus Erythematosus: CK(381) : AC(52)
- Vaccine-induced Toxicity: CK(1169) : AC(180)
- Vasculitis: CK(48) : AC(11)

**Anti Therapeutic Actions**
- Vaccination: All: CK(3934) : AC(312)
- Vaccination: Diphtheria-Pertussis-Tetanus: CK(282) : AC(31)
- Vaccination: Haemophilus Influenzae: CK(32) : AC(4)
- Vaccination: Hepatitis B: CK(367) : AC(50)
- Vaccination: HPV (Gardisil): CK(105) : AC(13)
- Vaccination: Influenza: CK(356) : AC(37)
- Vaccination: Lyme disease: CK(11) : AC(2)
- Vaccination: Mumps-Measles-Rubella (MMR): CK(228) : AC(26)
- Vaccination: Rabies: CK(4) : AC(3)
- Vaccination: Rotavirus: CK(33) : AC(6)
- Vaccination: Tetanus: CK(48) : AC(8)
- Vaccination: Varicella (Chicken pox): CK(164) : AC(20)

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**Topic: Vaccination: Tetanus**

The Institute of Medicine determined that routine childhood vaccines are linked to a number of serious adverse reactions.

**Pubmed Data**

**Authors**
- K R Stratton, C J Howe, R B Johnston

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**Vaccination may contribute to causing a wide variety of autoimmune disorders.**

**Pubmed Data**
- Discov Med. 2010 Feb;9(45):90-7. PMID: 20193633

**Authors**
- Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

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**Topic: Vaccination: Adult Rubella**

Aborted fetal cells (diploid) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines.

**Pubmed Data**

**Authors**
- José Luís Redondo Calderón

**Study Type**
- Review
**Topic: Vaccination: HPV (Gardisil)**

Vaccination may contribute to causing a wide variety of autoimmune disorders.

- GMI Summary


Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type: Commentary

**Additional Links**

**Diseases:** Autoimmune Diseases: CK(5523) : AC(880), Guillain-Barre Syndrome: CK(84) : AC(14), Human Papillomavirus (HPV): CK(163) : AC(23), Inflammatory Myopathy: CK(81) : AC(5), Macrophagic myofasciitis: CK(15) : AC(3), Multiple Sclerosis: CK(746) : AC(133), Rheumatoid Arthritis: CK(454) : AC(69), Systemic Lupus Erythematosus: CK(381) : AC(52), Vaccine-induced Toxicity: CK(1169) : AC(180), Vasculitis: CK(48) : AC(11)


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**Topic: Vaccination: Influenza**

Vaccination may contribute to causing a wide variety of autoimmune disorders.

- GMI Summary


Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type: Commentary

**Additional Links**

**Diseases:** Autoimmune Diseases: CK(5523) : AC(880), Guillain-Barre Syndrome: CK(84) : AC(14), Human Papillomavirus (HPV): CK(163) : AC(23), Inflammatory Myopathy: CK(81) : AC(5), Macrophagic myofasciitis: CK(15) : AC(3), Multiple Sclerosis: CK(746) : AC(133), Rheumatoid Arthritis: CK(454) : AC(69), Systemic Lupus Erythematosus: CK(381) : AC(52), Vaccine-induced Toxicity: CK(1169) : AC(180), Vasculitis: CK(48) : AC(11)


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**Topic: Vaccination: Lyme disease**

Vaccination may contribute to causing a wide variety of autoimmune disorders.

- GMI Summary


Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard

Study Type: Commentary
Aborted fetal cells (diploid) have been used to create the rubella, measles, mumps, rabies, polio, smallpox, hepatitis A, chickenpox, and herpes zoster vaccines. - GMI Summary

Article Published Date: May 01, 2008
Authors: José Luís Redondo Calderón
Study Type: Review

Vaccination may contribute to causing a wide variety of autoimmune disorders. - GMI Summary

Article Published Date: Feb 01, 2010
Authors: Hedi Orbach, Nancy Agmon-Levin, Gisele Zandman-Goddard
Study Type: Commentary