

PARSIFAL

SND-ID: ext0040-1.

Alternative title

Prevention of Allergy - Risk factors for Sensitization In children related to Farming and Anthroposophic life Style

Creator/Principal investigator(s)

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Research principal

[Karolinska Institutet](#) - Institute of Environmental Medicine

Description

The international project PARSIFAL (Prevention of Allergy - Risk factors for Sensitization In children related to Farming and Anthroposophic life Style) Is directed from the Institute of environmental medicine at the Karolinska institute, and consists of children from the Netherlands, Switzerland, Sweden, Germany and Austria. Participants were primary selected from schools in rural areas, attending anthroposophic schools or living on farms. Children not living on farms and attending other schools were selected as references. The study design has been described in detail (Alfvén et al 2006). A total of 14,893 children, age 5-13 years participated. The parents answered a questionnaire providing information regarding homeenvironment, food, medical history and socioeconomi. Exposure and lifestyle factors related to the agricultural environment and anthroposophi was focused on.

The purpose of PARSIFAL is to study protective factors for allergy development in children raised at farms or in anthroposophic environments.

Data contains personal data

Yes

Sensitive personal data

Yes

Unit of analysis

[Individual](#)

Population

Children aged 5-13 years, raised on a farm or in an anthroposophic environment, and controls

Time Method

[Cross-section](#)

Sampling procedure

[Probability: Cluster](#)

Time period(s) investigated

2000 – 2004

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Self-administered questionnaire: paper
- Time period(s) for data collection: 2000-10 – 2002-05
- Number of responses: 14893
- Source of the data: Population group

Data collection 2

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 2000-10 – 2002-05
- Number of responses: 4050
- Source of the data: Population group, Biological samples

Geographic spread

Geographic location: [Sweden](#), [Netherlands](#), [Switzerland](#), [Austria](#)

Geographic description: Regioner i Nederländerna, Schweiz, Sverige och Östrrike

Responsible department/unit

Institute of Environmental Medicine

Funding

- Funding agency: European Union

Research area

[Respiratory medicine and allergy](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

Keywords

[Blood specimen collection](#), [Life style](#), [Socioeconomic factors](#), [Risk factors](#), [Diet](#), [Allergens](#), [Medical history taking](#), [Anthroposophy](#), [Child](#), [Epidemiology](#), [Phenotype](#), [Genotype](#), [Agriculture](#), [Environmental exposure](#), [Hypersensitivity](#)

Publications

Alfvén T, Braun-Fahrländer C, Brunekreef B, von Mutius E, Riedler J, Scheynius A, van Hage-Hamsten M, Wickman M, Benz MR, Budde J, Michels KM, Schram D, Üblagger E, Waser M, Pershagen G, and the PARSIFAL study group. Allergic diseases and atopic sensitisation in children related for farming and anthroposophic lifestyle - The PARSIFAL study , *Allergy* 61:414-21

If you have published anything based on these data, [please notify us](#) with a reference to your publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Accessibility level

Access to data through an external actor

Access to data is restricted

Contact for questions about the data

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Related research data in SND's catalogue

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