



# EU SUMMIT 2018

## Air Pollution and M-Health: Prevention and Control of Chronic Respiratory Diseases

The importance of biological & environmental interactions

### OBJECTIVES

Air pollution and climate change represent two major health threats of the 21<sup>st</sup> century. Chronic respiratory and allergic diseases are particularly impacted by these threats but there is an insufficient recognition of the problem. mHealth will represent a major improvement for the understanding and mitigation of air pollution.

Lithuania is a RIS (European Innovation Scheme) country. The EIT RIS is a structured programme to support the integration of the Knowledge Triangle and increase the innovation capacity in areas and regions in Europe not directly benefiting from the European Institute of Innovation and Technology (EIT).

The EU Summit in Vilnius will follow the GARD meeting (Global Alliance against Chronic Respiratory Diseases, WHO) held in Brussels (November 10, 2017) that set the scene for the fight against air pollution using mHealth and will prepare the conclusions for workshops held at the World Health Assembly (May 2017) and the High Level United Nations meeting (September 2017). Moreover, it will envisage EU programmes on air pollution, climate change and chronic respiratory diseases using mHealth in the RIS countries.

### DATE & VENUE

23th March 2018  
Lithuanian Seimas (Parliament), Gedimino Av. 53,  
Vilnius, Lithuania

### CHAIRMEN

#### **Professor Jean Bousquet**

Montpellier University Hospital, INSERM U1168: Ageing and Chronic Diseases, Villejuif, Université Versailles St-Quentin-en-Yvelines & MACVIA Contre les MALadies Chroniques pour un Vieillissement Actif en France  
European Innovation Partnership on Active and Healthy Ageing Reference Site, Montpellier, France

#### **Professor Peter Hellings**

University of Leuven, University of Ghent, Belgium, Academic Medical Center, the Netherlands  
European Forum for Research and Education in Allergy and Airways diseases (EUFORA)  
European Academy of Allergy and Clinical Immunology (EAACI)

#### **Professor Arunas Valiulis**

Vilnius University Medical Faculty, Institute of Clinical Medicine and Institute of Health Sciences & Lithuanian Academy of Sciences, Mother and Child Commission, Lithuania

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## PROGRAMME

|                 |  |  |
|-----------------|--|--|
| 10.00 - 10.10   | Opening of EU Summit   |  |
| PLENARY SESSION |  |  |
| 10.10 - 12.30   | <b>Title</b>   | <b>Presenter</b>   |
| 10.10 - 10.30   | EU agenda 2020 on CRD  | <b>Dr. Vytenis Andriukaitis</b><br>Health and Food Safety European Commissioner,<br>European Commission (EC), Brussels, Belgium                        |
| 10.30 - 10.50   | The importance of a sustainable environment for human health     | <b>Prof. Dainius Puras</b><br>UN Special Rapporteur on the Right of Physical and Mental Health, Vilnius, Lithuania                                     |
| 10.50 - 11.00   | WHO GARD: From disease oriented programmes to global partnership | <b>Prof. Nikolai Khaltaev</b><br>Chairman of WHO Global Alliance Against Chronic Respiratory Diseases (WHO GARD), Geneva, Switzerland                  |
| 11.00 - 11.10   | Rationale to merge mHealth and air pollution                     | <b>Prof. Jean Bousquet</b><br>ARIA & MASK-MACVIA Reference Center of European Innovation Partnership on Active and Healthy Ageing, Montpellier, France |
| 11.10 - 11.20   | Importance of climate change in EIT-RIS countries                | <b>Dr Mikolaj Gurdala</b><br>European Institute of Innovation and Technology, Lodz, Poland   |
| 11.20 - 11.30   | Air pollution affect allergy across the life cycle               | <b>Prof. Ioana Agache</b><br>President of European Academy of Allergy and Clinical Immunology (EAACI), Lousanne, Switzerland                           |
| 11.30 - 11.40   | Air pollution and upper airways                                  | <b>Prof. Wytske Fokkens</b><br>President of European Rhinology Society, Amsterdam, the Netherlands   |
| 11.40 - 11.50   | The reality of CRD prevention: Targeting air pollution           | <b>Prof. Mina Gaga</b><br>President of European Respiratory Society (ERS), Athens, Greece  |

|               |   |  |
|---------------|---|--|
| 11.50 - 12.00 | mHealth and guided self management from patient's perspective | <b>Mikaela Odemyr</b><br>President of European Federation of Allergy and Airway Diseases Patients Association (EFA), Brussels, Belgium |
| 12.00- 12.10  | European Parliament initiatives for combatting CRD            | <b>Sirpa Pietikainen</b><br>Member of the European Parliament (EP), CRD interests group, Brussels, Belgium                             |
| 12.10 - 12.20 | Shared decision making in CRD                                 | <b>Prof. Peter Hellings</b><br>European Forum for Research and Education in Allergy and Airway Diseases (EUFOREA), Brussels, Belgium   |
| 12.20 - 12.30 | Summary & final remarks                                       |  |
| 12.30- 13.15  | Lunch   |  |

## EDUCATIONAL SESSION

| 13.15 - 16.00 | Title   | Presenter  |
|---------------|---|--|
| 13.15 - 13.45 | Outdoor air pollution and burden of chronic diseases  | <b>Prof. Tim Nawrot</b><br>Center for Environment and Health, Department of Public Health and Primary Care, University of Leuven, Belgium  |
| 13.45 - 14.15 | Health effects of air pollution in children   | <b>Prof. Jonathan Grigg</b><br>Centre of Genomics and Child Health, Blizard Institute, Queen Mary University London, London, UK  |
| 14.15 - 14.45 | ARIA2016 guidelines and beyond: MASK-MACVIA as a model of mHealth                             | <b>Prof. Jean Bousquet, Anna Bedbrook</b><br>ARIA & MASK-MACVIA Reference Center of European Innovation Partnership on Active and Healthy Ageing, Montpellier, France                                |
| 14.45 - 15.15 | Lessons of Finnish State Allergy Programme 2008 - 2018  | <b>Prof. Tari Haahtela</b><br>Skin and Allergy Hospital, University of Helsinki, Finland   |
| 15.15 - 15.45 | COPD in childhood: from associated genes to clinical signs and strategy of early intervention | <b>Prof. Arunas Valiulis, Tomas Alasevicius</b><br>Clinic of Children's Diseases, Institute of Clinical Medicine and Institute of Health Sciences, Vilnius University Faculty of Medicine, Lithuania |

15.45 - 16.15

Severe and difficult to control  
asthma

**Prof. Mina Gaga *tbc***

President of European Respiratory Society (ERS),  
Athens, Greece

16.15 - 16.30

Summary & final remarks