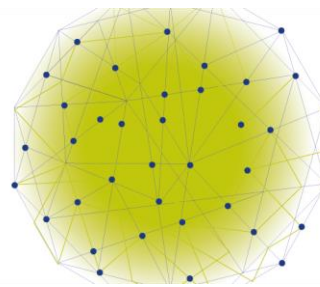


**International Severe Asthma Forum – ISAF Digital 2021**  
**Digital Scientific Programme**  
**Saturday, April 17, 2021**  
(All times are in CET)

<b>08:45 – 09:00</b>	<b>Opening remarks</b> Marek Jutel, Poland   Matteo Bonini, Italy   Ioana Agache, Romania
<b>9:00 – 10:00</b>	<b>Session 1: The basics of severe asthma</b> <i>Chairs: Marek Jutel, Poland   Matteo Bonini, Italy</i> Mechanisms - Cezmi Akdis, Switzerland Q&A Phenotypes and Endotypes – Kian Fan Chung, UK Q&A Biomarkers - Kenji Izuhara, Japan Q&A
<b>10:00 – 10:30</b>	<b>Poster viewing and Networking Break</b>
<b>10:30 – 11:30</b>	<b>Session 2: Guidelines and Perspectives</b> <i>Chairs: Stefano del Giacco, Italy   Ibon Eguiluz-Gracia, Spain</i> GINA Guidelines Update - Antonio Spanevello, Italy Q&A EAAI Biologicals Guidelines – Recommendations for Severe Asthma Ioana Agache, Romania Q&A Imaging in severe asthma– Nair Parameswaran, Canada Q&A
<b>11:30 – 11:45</b>	<b>Poster viewing and Networking Break</b>
<b>11:45 – 12:10</b>	<b>Session 3: Pro&amp;Con Sessions - Electronic Health in Severe Asthma</b> <i>Chairs: Tomas Chivato, Spain   Cristiano Caruso, Italy</i> PRO: David Drummond, France CON: Joao Fonseca, Portugal Q&A
<b>12:10 – 12:20</b>	<b>Poster viewing and Networking Break</b>
<b>12:00 – 13:15</b>	<b>Industry Session (parallel track - further information on the website)</b>
<b>12:20 – 12:45</b>	<b>Session 4: Pro&amp;Con Sessions - Immunotherapy in Severe Asthma (AIT)</b> <i>Chairs: Ferda Oner Erkekol, Turkey   Antonio Spanevello, Italy</i> PRO: Marek Jutel, Poland CON: Walter Canonica, Italy Q&A



## 12:45 – 13:30 Lunch Poster Sessions and Networking Break

### Group 1: Allergic Airway Disease

*Chairs: Cristiano Caruso, Italy*

P24 – Prevalance and serodominance of dermatophagodies pteronyssinus mites in pediatrici population with moderate-severe persisent astham phenotype

*Paloma Poza-Guedes, Spain*

P79 - Diagnosis Of Allergic Diseases By The Skin Prick Test With Allergens From Peking Union Medical College Hospital: A Meta-Analysis

*Juan Liu, China*

P63 - Changes In Heart Rate Variability Indicators In Children With Asthma, Depending On The Severity Of The Allergic History

*Pavel Berezanskiy, Russia*

P62 - Efficacy And Safety Of Subcutaneous Immunotherapy For Allergic Rhinitis And Allergic Asthma In China

*Juan Liu, China*

P58 - Dyspnea In Young Man Suffering From Pollen Allergy – Not Always Asthma

*Marika Gawinowska, Poland*

P55 - Recent trend in the prevalence of predominant aeroallergens among the population of the year 2019 with reference to house dust mites (hdm) and insects

*Lakshmi Keshava, India*

P49 - Predicting The Effectiveness Of ASIT To Grass Allergens

*Anatoliy Bala, Russia*

P47 - Sensitization To CCD And ASIT To Birch In The Russian Population

*Anatoliy Bala, Russia*

P42 - Seafood Allergy Trends In The Asthmatic Population In The Dominican Republic: How Much Immune-Related Comorbidities Contribute To Increased Severity?

*Leandro Tapia, Spain*

P41 - Increased Environmental Allergy Severity Among Asthmatic Populations In Dominican Republic

*Leandro Tapia, Spain*

P40 - Association Of ABPA In Children With Poor Control Of Asthma

*Manvi Singh, India*

### Group 2: Biomarkers

*Chairs: Maia Rukhadze, Georgia | Edward Knol, The Netherlands*

P82 - Systemic Production Of Nitric Oxide And IL-17A During Severe Allergic Asthma: Immunomodulation By The Helminth Echinococcus Granulosus

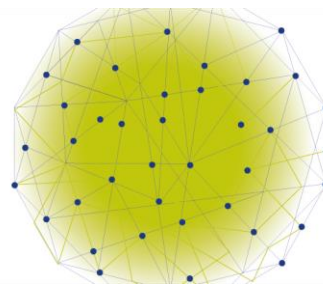
*Sara Benazzouz, Algeria*

P22 - Combination Of Transcriptomics And Genomics For The Identification Of Novel Loci Of Response To Asthma Treatment With Glucocorticosteroids

*Natalia Hernandez-Pacheco, Spain*

P16 - Differential Gene Expression Analysis Of Airway Remodeling Signaling Pathways In Severe Bronchial Asthma

*Alena Minina, Belarus*



P31 - Metabolomic Signatures Associated To Allergic Asthma Control With Differential Pharmacological Interventions. Applicability For New Biomarker Strategies

*Maria Isabel Delgado-Dolset, Spain*

P34 - Measurement Of EDN, MPO And NGAL In Nasal Mucosal Lining Fluid Vs. Blood

*Eleftheria Pertsinidou, Sweden*

P37 - Characteristics Of The Genomics And Metagenomics Of Asthma Severity (GEMAS) Study

*Javier Perez-Garcia, Spain*

P75 – Allergic and nonallergic asthma biomarkers prioritized by systems biology: sensitivity and specificity analysis

*Lucia Cremades-Jimeno, Spain*

P74 - CHI3L1 AND PI3: two time-stable asthma biomarkers able to discriminate asthma severity

*Maria López-Ramos, Spain*

P68 - Serum MicroRNAs As Tool To Predict Early Response To Benralizumab In Severe Eosinophilic Asthma

*Jose Rodrigo-Muñoz, Spain*

P66 - Serum MicroRNAs As A Tool To Catalogue Asthmatic Patients In Different Phenotypes/Endotypes Serving As Diagnostic And Prognostic Biomarkers Of The Disease

*Marta Gil Martínez, Spain*

P65 - Predictors Of Response To Treatments For Difficult/Severe Asthma In Adult Patients: A Scoping Review

*Carlos Andrés Celis-Preciado, Colombia*

P64 - Immunological Markers Of Glucocorticosteroids Insensitivity In Patients With Severe Asthma

*Carlos Cardoso, Switzerland*

P60 - Immunological Markers Of Secondary Immune Insufficiency In Patients With Severe Bronchial Asthma

*Ella Churyukina, Russia*

P54 - Transcriptome-Based Identification And Validation Of CRTH2 mRNA Levels In Peripheral Blood Of Adult Patients With Asthma

*Asunción García-Sánchez, Spain*

P53 - Phenotypic Characteristics Of ILC2s And T- Lymphocytes In Donors And Patients With T2-Driven Bronchial Asthma

*Alina Makeeva, Russia*

P52 - Investigating The Effects Of Interleukin 33 On Rhinovirus A Induced Gene Expression Changes In Asthmatic Bronchial Epithelial Cells

*Rebecca Cooper, UK*

### **Group 3: Clinical management of asthma**

*Chairs: Ferda Oner Erkekol, Turkey | Joao Fonseca, Portugal*

P83 - Severe Eosinophilic Asthma: Phenotypic Structure, Clinical And Functional Features

*Darima Tsyndymeeva, Russia*

P78 – Can near fatal asthma resolve severe uncontrolled T2-asthma?

*Lucia Maria Porro, Italy*

P76 - Altitude Climate Treatment (ACT) As An Alternative To Chronic Expensive Third Line Treatments In Severe Asthma: A Case Report

*Marieke Drijver-Messelink, Switzerland*

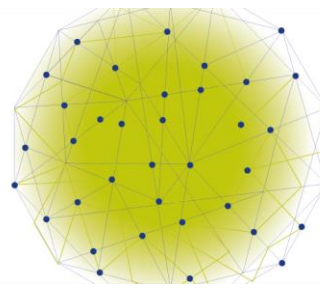
P72 - Roadmap To Improve Regional Care For Severe Asthma Patients In The Netherlands

*Gert-Jan Braunstahl, The Netherlands*

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P69 - Severe Asthma Patients In Austria And Germany

*Eckard Hamelmann, Germany*

P12 – Phenotype of severe bronchial asthma with fixed airflow obstruction

*Angelina Kraposhina, Russia*

P20 - Could Asthma Severity Level Impact The Perceived Importance Of Patient's Treatment Goals? Results From A Romanian Asthma Survey

*Carmen Panaitescu, Romania*

P21 - Multidimensional Severe Asthma Burden. Results From A Romanian Patient's Survey

*Carmen Panaitescu, Romania*

P32 - Correlations Between Airway Inflammation, Asthma Control And Pulmonary Function In Partly Controlled / Uncontrolled Asthmatic Indian Children

*Rashmi Yadav, India*

P61 - Loss Of Smell As A Reliable Clinical Biomarker For Severe Asthma And CRS With Nasal Polyps That Predict Sinus Occupancy

*José Antonio Castillo, Spain*

P57 - Challenges Of Silent Severe Asthma And NERD In Children

*Gintare Liakaite, Lithuania*

P56 - IgG4 Related Disease And Probable Severe Asthma

*Dina Rnjak, Croatia*

P50 - Difficulty In Diagnosing Paucigranulocytic Asthma In A Severe Steroid-Dependent Asthmatic

*Ronina Covar, USA*

## **Group 4: COVID-19 & psychological aspects of asthma**

*Chairs: Cristina Boccabella, Italy |*

P86 - COVID-19 And Asthma In Children: Is There A Link ?

*Valery Mukhorthykh, Russia*

P84 - Fatigue, General Psychological Distress And Specific Psychological Symptoms In A Severe Asthma Population Before And After Altitude Climate Treatment (ACT)

*Karin Fietsen, Switzerland*

P80 - Real-Life Impact Of COVID-19 Pandemic Lockdown On The Management Of Pediatric And Adult Asthma: A Survey By The EAACI Asthma Section

*Ibon Eguiluz-Gracia, Spain*

P77 - Effect Of The SARS-CoV-2 Pandemic On Treatment Processes Of Patients With Severe Asthma Who Were Receiving Monoclonal Antibody Treatment

*Gokhan Aytekin, Turkey*

P25 – The impact of COVID-19 in patients with severe asthma under biologic therapies

*Ana Mesquita, Portugal*

P36 - Presenting Prevalence, Characteristics And Outcome Of Asthmatic Patients With T2 Diseases In Hospitalized Subjects With COVID-19 In Madrid, Spain

*Marcela Valverde-Monge, Spain*

P30 - Health-Psychological Aspects In Persons With Severe Asthma

*Lina Rönnebjerg, Sweden*

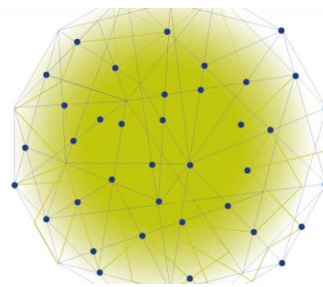
P35 - Asthma Vs COPD And OSA In COVID19 Patients: Interesting Differences Among Groups

*Marcela Valverde-Monge, Spain*

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P18 - Viral Respiratory Infection And The Link To Wheezing  
*Olena Mozyrska, Ukraine*

P13 – Adherence to therapy and quality of life at severe bronchial asthma  
*Angelina Kraposhina, Russia*

P29 - Relationship Of Health-Related Quality Of Life With Asthma Control And Airway Inflammation In Uncontrolled Asthmatic Indian Children  
*Rashmi Yadav, India*

P43 - COVID-19 In Patients With Severe Asthma Treated With Biologics: Our Experience  
*Irina Bobolea, Spain*

## **Group 5: Real life use of biologicals**

*Chairs: Sejal Saglani, UK |*

P87 - Efficacy of Dupilumab in Patients With GINA-Defined Difficult-to-Treat Type 2 Asthma: LIBERTY ASTHMA QUEST Study  
*Jorge Maspero, Argentina*

P85 - Biological Therapy Of Child Bronchial Asthma In Clinical Practice: What To Prefer And How To Choose?  
*Valery Mukhortykh, Russia*

P81 - Lock In The Bud - The Resolving Effect Of Dupilumab In A Case Of Severe Refractory Asthma  
*Carmelo Sofia, Italy*

P73 - One Patient, But Different Biologic Agents  
*Betul Dumanoglu, Turkey*

P71 - Indirect Treatment Comparison Of Biologics In Severe Eosinophilic Asthma In Real Clinical Practice  
*Miramgul Dyneva, Russia*

P70 – Profile of patients with biological therapies in the severe asthma unit of Merida Hospital, Spain  
*Alicia Mena, Spain*

P11 - Real World Prompt Efficacy Of Mepolizumab In Severe Eosinophilic Asthma And Comorbid Chronic Rhinosinusitis With Nasal Polyps  
*Ruperto González Pérez, Spain*

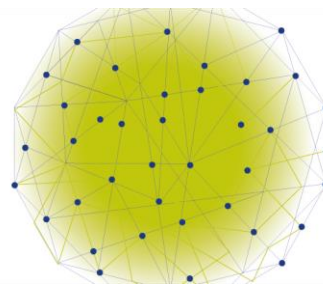
P17 – Mepolizumab as a steroid-sparing treatment option in a patient with eosinophilic granulomatosis with polyangiitis  
*Ana Presa, Portugal*

P15 - Impact On The Quality Of Life Of Asthmatic Patients Treated With Benralizumab According To Mini-AQLQ Quality Of Life Test  
*Yaiza Bonilla Pacheco, Spain*

P39 - Successful Therapy With Mepolizumab In Patient With Severe Eosinophilic Cough-Predominant Asthma  
*Joanna Hermanowicz-Salamon, Poland*

P46 - Use Of Two Monoclonal Antibodies For Severe Asthma In Children: A Case Report  
*Nidia Castillón Benavides, Mexico*

P45 - Monitoring Disease Progression In Severe Non-Allergic Asthma Patients On Dupilumab Treatment - A Case Series  
*Inês Farinha, Portugal*



**13:30 – 14:30**

**Session 5: Severe Asthma in special populations**

*Chairs: Mariana Couto, Portugal | Francesco Blasi, Italy*

13:30 – 13:45

Severe asthma in women - Apostolos Bossios, Sweden

13:45 – 13:50

Q&A

13:50 – 14:05

Severe asthma in children - Sejal Saglani, UK

14:05 – 14:10

Q&A

14:10 – 14:25

Severe asthma in athletes - Maia Rukhadze, Georgia

14:25 – 14:30

Q&A

**13:30 – 14:45**

**Industry Session (parallel track - further information on the website)**

**14:30 – 14:45**

**Poster viewing and Networking Break**

**14:45 – 15:45**

**Session 6: Comorbidities in Severe Asthma**

*Chairs: Sebastian Johnston, UK | Apostolos Bossios, Sweden*

14:45 – 15:00

Bronchiectasis - Francesco Blasi, Italy

15:00 – 15:05

Q&A

15:05 – 15:20

Chronic rhinosinusitis with nasal polyps - Enrico Heffler, Italy

15:20 – 15:25

Q&A

15:25 – 15:40

Alfa-1 antitripsin deficiency - Marc Miravittles, Spain

15:40 – 15:45

Q&A

**15:00 – 16:15**

**Sister Society Symposium - EAACI - PTA Joint Symposium (parallel track)**

15:00 – 15:20

Focus on Patient. Personalised therapy for severe asthma - Piotr Kuna, Poland

15:20 – 15:25

Q&A

15:25 – 15:45

Diagnosis and allocation to biologics in severe asthma – guidelines of the Polish Society of Allergology - Maciej Kupczyk, Poland

15:45 – 15:50

Q&A

15:50 – 16:10

Biological severe asthma treatment in Poland - pros and cons of drug programme - Aleksandra Kucharczyk, Poland

16:10 – 16:15

Q&A

**15:45- 16:15**

**Poster viewing and Networking Break**

**16:15 – 16:55**

**Session 7: Severe Asthma and COVID-19**

*Chairs: Walter Canonica, Italy | Edward Knol, The Netherlands*

16:15 – 16:55

Key-note Lecture: Sebastian Johnston, UK

16:50 – 16:55

Q&A

**16:55 – 17:10**

**Closing remarks**

Stefano del Giacco, Italy / Ibon Eguiluz-Gracia, Spain / Antonio Spanevello, Italy

**As of 17:10**

**Networking Opportunity**

Join us to our virtual networking community where you can connect and socialize