Severe and difficult to treat asthma workshop: from basic immunology, diagnostic approach and treatment
- CHAIRS: SABINA ŠKRGAT, PETER KOROŠEC

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### DAY 1: THURSDAY 15 NOVEMBER 2018

**VENUE: HOTEL PARK BLED**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 – 8:20</td>
<td>Registration</td>
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<tr>
<td>8:20 – 8:30</td>
<td>Sabina Škrgat: Welcome and introduction</td>
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<td>8:30 – 9:00</td>
<td>Peter Korošec: Immunological characterization of asthma endotypes</td>
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<td>9:00 – 9:30</td>
<td>Peter Kopač: Role of allergy in severe asthma, NSAID associated respiratory disease</td>
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<td>9:30 – 9:50</td>
<td>Igor Požek: Radiologic Imaging in asthma</td>
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<td>9:50 – 10:30</td>
<td>Matjaž Fležar: Lung function tests to be used in severe asthma: spirometry and BD test, diffusion capacity, induced sputum, body plethysmography, electronic PEF</td>
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<td>10:30 – 11:00</td>
<td>Discussion.</td>
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<td>11:00 – 11:20</td>
<td>Coffee break.</td>
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Clinical Approaches

11:20 – 12:00 Sabina Škrgat: Practical approaches to T2 high severe asthma in the clinic

12:00 – 12:40 Ramesh J Kurukulaaratchy: Practical approaches to non-T2 severe asthma in the clinic

12:40 – 13:00 Discussion.

13:00 – 14:00 Lunch (in hotel restaurant).

14:15 – 14:45 Bus transfer to Clinic Golnik.

15:00 – 18:00 Workshops.

Workshops

15:00 – 18:00 VENUE: UNIVERSITY CLINIC OF RESPIRATORY AND ALLERGIC DISEASES GOLNIK

Gregor Vlačič: Laboratory (citology and pathology)
1. Induced sputum: how to correctly assess it and what should the report contain
2. Practical part – laboratory:
   • Visit to the lab
   • Basics of samples handling and processing
   • From the lab to the report

Matjaž Fležar: Laboratory for respiratory physiology
1. Review of protocols for safe sputum induction in severe asthma
2. Case reports:
   • Vocal cord disfunction, bronchiolitis, ACO
   • Asthma, reversibility and NO
   • Fixed obstruction in lung function-severe asthma?

Peter Korošec: Laboratory for Clinical Immunology and Molecular Genetics
1. Review of measurements of immunological parameters in patients with asthma: cells, biomarkers, different samples and protocols
2. Case reports:
   • Dynamic of downregulation of cellular high affinity IgE receptor (FcεRI) in responders to anti-IgE therapy
   • FcεRI in non-responders to anti-IgE therapy
   • Measurement of IL-5 and the response to Mepolizumab therapy

20:00 Dinner.
Respiratory insufficiency and asthma comorbidities
- chairs: ŠKRGAT Sabina, KOROŠEC Peter

8:30 – 9:00  Franc Šifrer: Acute respiratory failure and mechanical ventilation in severe asthma

9:00 – 9:30  Tomaž Kocjan: Adrenal insufficiency and osteoporosis during chronic glucocorticoid treatment

9:30 – 10:00  Katja Novak: Gastroesophageal disease in asthma

10:00 – 10:30  Irena Hočevar Boltežar: The characteristics of upper respiratory tract in the patients with asthma and the patients with periodical laryngeal obstruction

10:30 – 11:00  Discussion.

11:00 – 11:20  Coffee break.

Multidisciplinary approach to asthma patient
- chairs: RAMESH J KURUKULAARATCHY, SABINA ŠKRGAT

11:20 – 12:00  Ramesh J Kurukulaaratchy: »The Difficult Breathing Syndrome – An MDT (multidisciplinary team) approach to Difficult Asthma«

12:00 – 12:25  Aleš Rozman: Bronchoscopy in asthma and bronchial thermoplasty

12:25 – 12:45  Gregor Vlačić: Bronchial biopsy in asthma and differential diagnosis

12:45 – 13:30  Round table and discussion.

13:30 – 14:30  Lunch (in hotel restaurant).
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<td>14:30 – 14:50</td>
<td>Matjaž Fležar: How to identify severe asthma patients among uncontrolled asthmatics in outpatient basis</td>
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<tr>
<td>14:50 – 15:10</td>
<td>Sabina Škrgat: Brief Report - SHARP ERS Clinical Research Collaborative—Severe heterogenous asthma research collaboration, patient-centered and Asthma network in Slovenia</td>
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<td>15:45 – 17:00</td>
<td>Case reports.</td>
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<td>17:00 – 17:10</td>
<td>Concluding comments.</td>
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