



# Summer School of paediatric respiratory medicine

**1-4 July 2020**  
**Berlin, Germany**

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## Wednesday, 1 July 2020

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08:45 – 09:00	Registration
09:00 – 09:05	Welcome from the organising committee
	<b>Session 1 – Airway endoscopy – F. Midulla</b> <i>Incl. MCQs on airway endoscopy</i>
09:05 – 10:05	Rigid and flexible bronchoscopy: diagnostic and interventional
	<b>Session 2 – Congenital malformations – E. Eber</b> <i>Incl. MCQs on congenital malformations</i>
10:05 – 10:50	Airway and vascular malformations
10:50 – 11:15	<i>Break</i>
11:15 – 12:00	Parenchymal lung malformations
12:00 – 12:30	Case based discussion on congenital malformations (cases submitted by participants)
12:30 – 13:30	<i>Lunch</i>
	<b>Session 3 – Acute and chronic respiratory infections – E. Eber, M. Pijnenburg</b> <i>Incl. MCQs on acute and chronic respiratory infections</i>
13:30 – 13:50	Protracted bacterial bronchitis – E. Eber
13:50 – 14:40	Pneumonia in children, pleural infection, necrotising pneumonia and lung abscess – M. Pijnenburg
14:40 – 15:10	<i>Break</i>
15:10 – 15:40	Case based discussion on acute and chronic respiratory infections (cases submitted by participants)
	<b>Session 4 – Lung function testing I – N. Regamey</b> <i>Incl. MCQs on lung function testing</i>
15:40 – 15:55	Inflammatory markers
15:55 – 16:45	Static and dynamic lung volumes and their measurement
17:00	<i>Welcome drink</i>

*Please note that this is a provisional programme that might be subject to change.*



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## Thursday, 2 July 2020

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	<b>Session 5 – Lung function testing II and sleep medicine – M. Gappa, R. Ersu</b> <i>Incl. MCQs on lung function testing</i>			
<b>09:00 – 09:25</b>	Multiple breath washout techniques – M. Gappa			
<b>09:25 – 09:45</b>	Reversibility testing and bronchial provocation – M. Gappa			
<b>09:45 – 10:15</b>	Assessment of sleep disordered breathing – R. Ersu			
<b>10:15 – 10:45</b>	<i>Break</i>			
	<b>Session 6 – Lung imaging – M. Beer</b> <i>Incl. MCQs on lung imaging</i>			
<b>10:45 – 11:30</b>	Advantages and disadvantages of imaging techniques			
	<b>Session 7 – WORKSHOPS</b>			
<b>11:30 – 12:30</b>	<b>Lung function testing</b>	<b>Endoscopy</b>	<b>Imaging</b>	<b>Polysomnography</b>
<b>Round 1</b>	M. Gappa & N. Regamey	E. Eber & F. Midulla	M. Beer	R. Ersu
<b>12:30 – 13:30</b>	<i>Lunch</i>			
<b>13:30 – 14:30</b>	<b>Lung function testing</b>	<b>Endoscopy</b>	<b>Imaging</b>	<b>Polysomnography</b>
<b>Round 2</b>	M. Gappa & N. Regamey	E. Eber & F. Midulla	M. Beer	R. Ersu
	<b>Session 8 – Rare disorders and chronic respiratory failure – R. Ersu, A. Hadchouel-Duvergé</b> <i>Incl. MCQs on Rare disorders and chronic respiratory failure</i>			
<b>14:30 – 15:00</b>	Bronchopulmonary dysplasia and chronic lung disease of prematurity - A. Hadchouel-Duvergé			
<b>15:00 – 15:30</b>	Chronic respiratory failure and noninvasive ventilation – R. Ersu			
<b>15:30 – 16:00</b>	<i>Break</i>			
<b>16:00 – 16:25</b>	Interstitial lung diseases (and systemic disorders with lung involvement – online module) - A. Hadchouel-Duvergé			
<b>16:25 – 16:45</b>	Surfactant dysfunction and alveolar proteinosis - A. Hadchouel-Duvergé			
<b>16:45 – 17:30</b>	Case based discussion on rare disorders (cases submitted by participants)			
<b>18:00</b>	<i>City tour</i>			

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## Friday, 3 July 2020

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	<b>Session 9 – Cystic fibrosis and non-CF bronchiectasis – F. Midulla, N. Regamey</b> <i>Incl. MCQs on Cystic fibrosis</i>			
<b>09:00 – 09:45</b>	Primary ciliary dyskinesia and non-CF bronchiectasis – F. Midulla			
<b>09:45 – 10:15</b>	Genetics, pathophysiology and diagnosis of CF – N. Regamey			
<b>10:15 – 10:45</b>	<i>Break</i>			
<b>10:45 – 11:15</b>	CF lung disease and lung transplantation – N. Regamey			
<b>11:15 – 11:45</b>	Extrapulmonary CF – N. Regamey			
<b>11:45 – 12:30</b>	Case based discussion on cystic fibrosis (cases submitted by participants)			
<b>12:30 – 13:30</b>	<i>Lunch</i>			
<b>13:30 – 14:30</b>	<b>Session 10 – WORKSHOPS</b>			
<b>Round 3</b>	<b>Lung function testing</b> M. Gappa & N. Regamey <i>Static and dynamic lung volumes, reversibility testing, application and interpretation of lung function testing</i>	<b>Endoscopy</b> E. Eber & F. Midulla	<b>Imaging</b> M. Beer	<b>Polysomnography</b> R. Ersu
<b>14:30 – 15:00</b>	<i>Break</i>			
<b>15:00 – 16:00</b>	<b>Lung function testing</b> M. Gappa & N. Regamey	<b>Endoscopy</b> E. Eber & F. Midulla	<b>Imaging</b> M. Beer	<b>Polysomnography</b> R. Ersu
<b>Round 4</b>				

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## Saturday, 4 July 2020

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	<b>Session 11 – Bronchial asthma and wheezing disorders – F. Midulla, M. Pijnenburg</b> <i>Incl. MCQs on Bronchial asthma and wheezing disorders</i>
<b>09:00 – 09:30</b>	Acute viral bronchiolitis – F. Midulla
<b>09:30 – 10:30</b>	Acute asthma and treatment of asthma in pre-schoolers and school children – M. Pijnenburg
<b>10:30 – 11:00</b>	<i>Break</i>
	<b>Session 12 – Tuberculosis – M. Gappa, TBD</b> <i>Incl. MCQs on Tuberculosis</i>
<b>11:00 – 11:30</b>	Basics in diagnosis and treatment – M. Gappa
<b>11:30 – 12:00</b>	Multi-drug-resistant tuberculosis - TBD
<b>12:00 – 12:30</b>	Case based discussion on tuberculosis (cases submitted by participants)
<b>12:30 – 12:45</b>	Q&A and closing

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	<b>ERS HERMES self-assessment course in paediatric medicine</b> Faculty: E. Eber, F. Midulla <i>Additional registration required. Special fee for summer school participants: €75</i>
<b>13:30 – 14:45</b>	Simulated HERMES examination
<b>14:45 – 15:00</b>	<i>Break</i>
<b>15:00 – 17:00</b>	Feedback and discussion of examination questions