**Optimization of antimicrobial therapy in the Intensive Care Unit in the era of resistance and stewardship**

**Time and place: October 25th 2018, Soria Moria conference center, Holmenkollen, Oslo**

Programme chair: Hans Flaatten

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| ***12:00 - 13:00***  | ***Lunch*** |  |
| ***Section I: Setting the scene*** |
| 13:00 - 13.15 | AMR - from rational use to stewardship  | Dag Berild  |
| 13:15 - 13:45 | Diagnostic and treatment challenges in the use of antibiotics in the ICU. Results from the PharmacoCRRT study | Elin Helset |
| 13.45 - 14:15 | Septicaemia or SIRS: new sepsis definition –improving treatment in the ICU? | Tor Inge Tønnesen |
| 14:15 -15:15 | Optimization of antibiotic therapy in the ICU – what remains to be settled? | Jeffrey Lipman |
| ***15:15 -15:45*** | ***Coffee break*** |
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| ***Section II: Diagnostics*** |
| 15:00 - 15:30 | Inflammation vs infection - PCT and other biomarkers | Søren Pischke |
| 15:30 -16:00 | Microbiological diagnostics- when, what, how? | Andreas Lind |
| 16:00 - 16:30 | The microbiological concept of resistance: From MIC - to S/I/R | Jørgen V. Bjørnholt |
| ***16:30 - 16.45*** | ***Coffee break*** |
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| ***Section III:* *Status: Dosing and Therapeutic Drug Monitoring of antimicrobials in the ICU***  |
| 17:00 - 17:30 | Drug dosing challenges in the ICU: from ARC (augmented renal clearance) to CRRT (continuous renal replacement therapy) | Hilde Sporsem |
| 17:30 - 18:00 | Therapeutic drug monitoring of antimicrobial therapy in the ICU, an interdisciplinary challenge. How to do it? | Jeffrey Lipman |
| 18:00 - 18:30 | Population pharmacokinetics - big data - for TDM and dosing recommendations in the ICU population. | Anders Åsberg |
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| ***Summary and conclusions*** |
| 18:30 - 19:00 | Speakers panel | Hans Flaatten |
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| ***19:30 -*** | ***Dinner and discussion cont.*** |  |