

Aarhus University Network for Interdisciplinary Drug Resistance Research – IDRRES

16 February 2015, 14-16, Klinisk Epidemiologisk Afdeling, Oluf Palmes Alle 43-45

Summary of the 2nd 2015 meeting in the network

Thematic focus on resistance in relation to ordinary bacteria

Presentations by Mikala Wang and Mette Søgaard.

Minutes

Participants	<i>Tina Sørensen Dalgaard, Christian Wejse, Mette Søgaard, Lars Bach, Svend Ellermann-Eriksen, Niels Brimnes, Mikala Wang, Thomas Vorup-Jensen, Jens Seeberg, Martin D. Larsen (ref.)</i>
Two presentations on 'resistance in relation to ordinary bacteria'	
	<p>Mikala Wang gives a presentation on <i>multidrug resistant bacteria</i>. The focus is at MRSA, VRE and carbapenemase-producing Gram-negatives: Cf. ppt. presentation, annex 1, available at: http://idrres.au.dk/documents/</p> <p>Mette Søgaard gives a presentation on <i>Register-based research</i>. Focus on health data, e.g. research via 'Statens Seruminstitut' and Statistics Denmark. Cf. ppt. presentation, annex 2, (soon) available at: http://idrres.au.dk/documents/</p>
Key points from presenters & discussion	
	<p>Mikala Wang concludes that a post-antibiotics era is close. Also, we are close to a situation where it may no longer be possible to treat an ordinary urinary tract infection. In regards to MRSA there has been a significant increase for all types in recent years. This increase in MRSA cases is partly because farmers are now being screened (since 2012). In Norway they have had 26 cases where they 'took out' a herd of pigs. If this was the practice in DK it would have been thousands – we have another strategy; i.e. keeping it in the piggery (the pigs are not 'really sick' and it does not affect production). The doctors' point of view reg. MRSA: it is</p>

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	<p>not that bad; we can 'treat ourselves out of it'.</p> <p>Comment: An example of alternatives to antibiotics is farmers who spray their herd of pigs with yoghurt/milk bacteria.</p> <p>Mette Søgaard suggests that a register-based study could be relevant, e.g. if you find MDR-resistant E. Coli. She states that there is a great desire to work with resistance, but that it is very difficult in regards to the many parameters, which should be taken into account. There are some limitation regarding coding of data – and a lack of data when it comes to travel activity, etc.</p>
<i>Reflections on research projects</i>	<p>All India Institute of Medical Science (India) has a high national status, and would be an interesting partner for collaboration. See: http://www.aiims.edu/en.html</p>
Meeting plan	
	<p>Next meeting: 13 March 2015, 14-16</p> <p>Hosts & presenters: Thomas Vorup-Jensen og Tina Sørensen Dalgaard.</p> <p>Theme: Experimental approaches to drug-resistance research</p> <p>Meeting place: 1241-231 Havestuen (15)</p> <p>Details: Bartholin Bygn. komplekset i læsesalen (Denne findes ved efter ankomst gennem hovedindgangen at gå til venstre og opad trappen).</p>

/ MDL, 12 March 2014