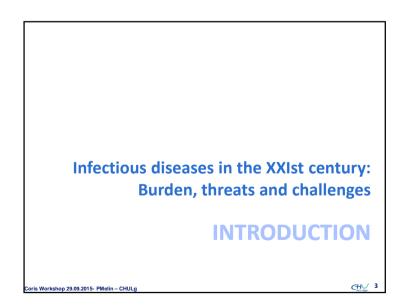
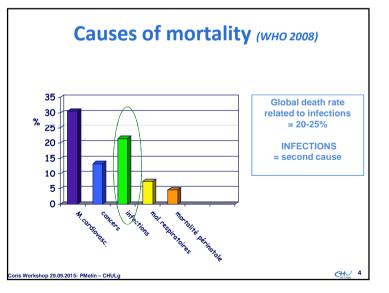
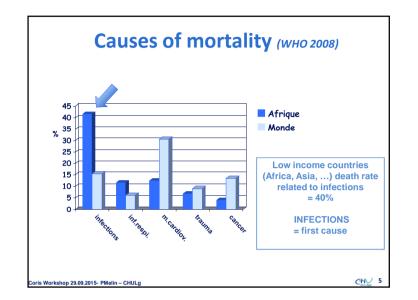
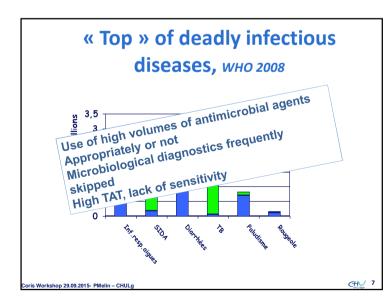
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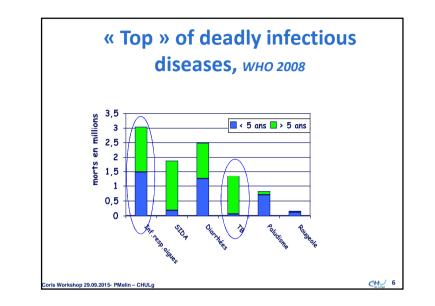


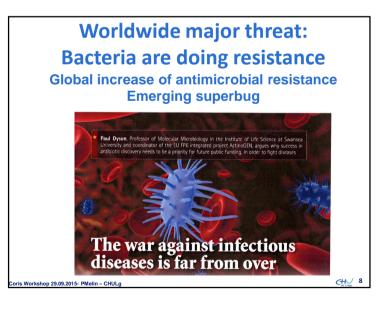


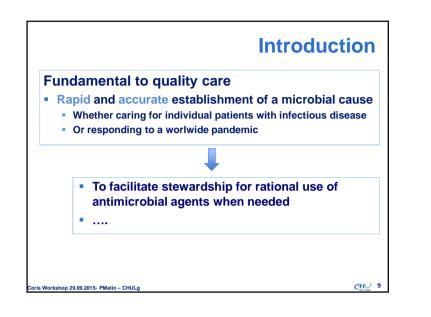


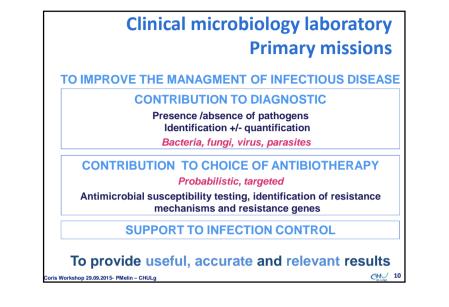


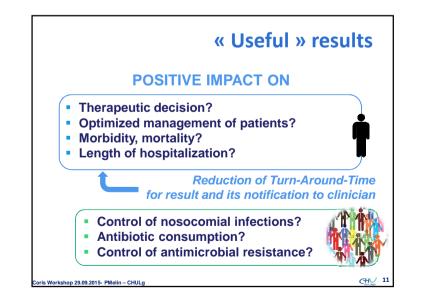


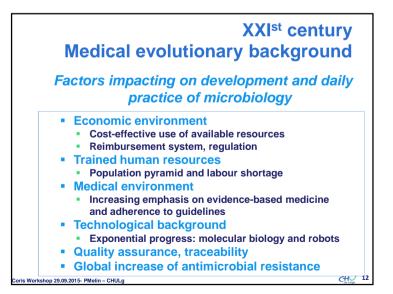


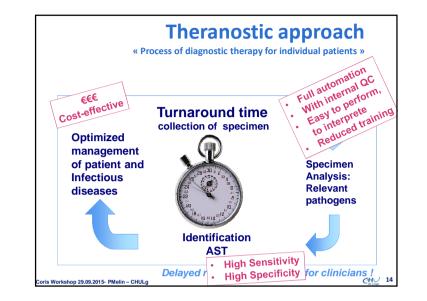


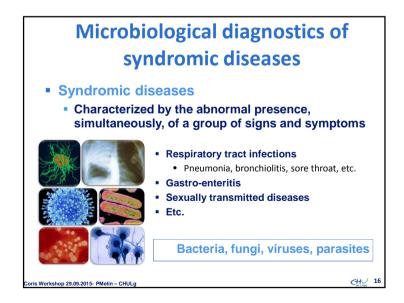


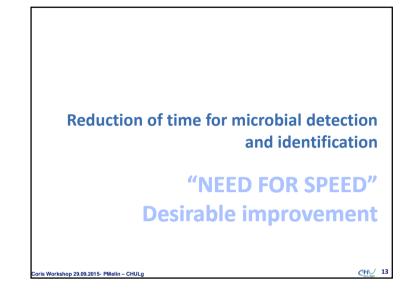


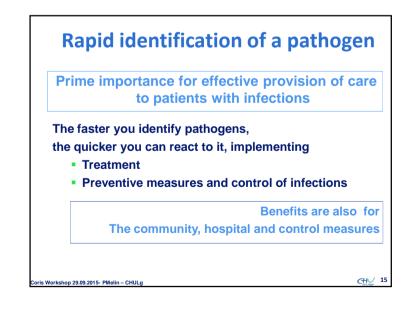


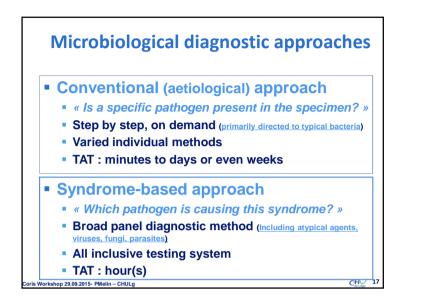


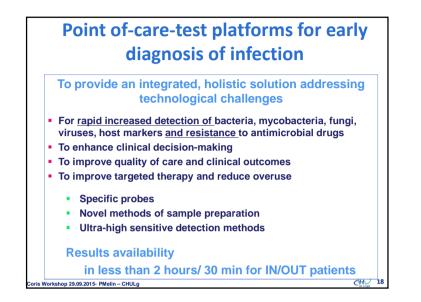


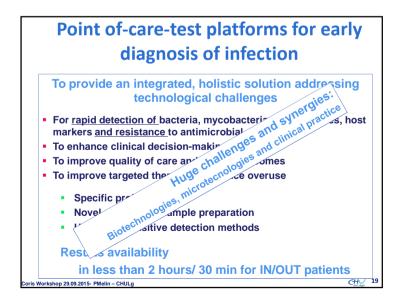


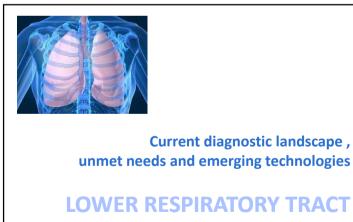












Coris Workshop 29.09.2015- PMelin – CHULg

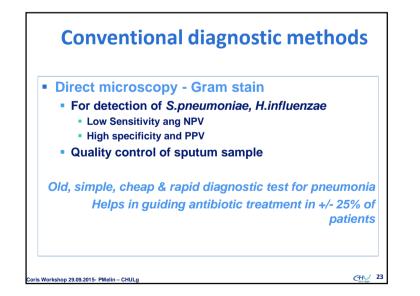
CHU 20

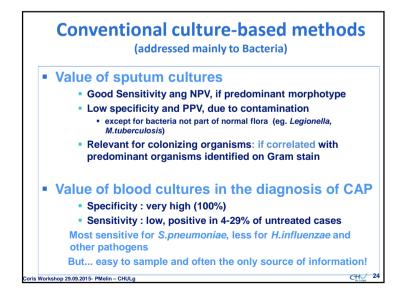
INFECTIONS

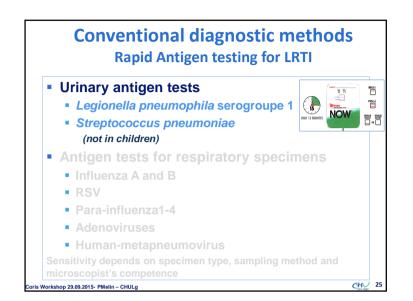
Ae	etiological agents				
Classical bacteria Streptococcus pneumoniae* Haemophilus influenzae* Moraxella catarrhalis* Mycobacterium tuberculosis Mycoplasma pneumoniae Chlamydophila pneumoniae Legionella pneumophila Chlamyd, trachomatis Coxiella burnetii Opportunistic bacteria Pseudomonas aeruginosa Staphylococcus aureus* Enterobacteriaceae Frequent transient colonisation of upper RT	 Virus Influenza Parainfluenza RSV Adenovirus Human metapneumovirus Rhino/enterovirus Coronavirus Bocavirus Bocavirus Etc. Etc. Fungi Aspergillus spp Candida spp Pneumocystis jirovecii Cryptococcus neoformans Autres fungi 				
rkshop 29.09.2015- PMelin – CHULg	CHU 21				

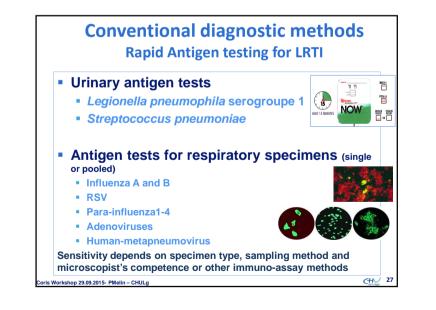
Aetiological agents of LRTI in the
community (%)

Reference	n	S. pn	H. infl	M. pn	C.pn	Virus
Boldy et al. 1990	42	3.0	3.0	8.0	0	21.0
Creer et al. 2006	80	18.8	6.3	1.2		61.3
Graffelman et al. 2004	145	6.2	9.0	9.0	1.3	39.0
Holm et al. 2007	364	6	4	3	<1	24
Hopstaken et al. 2005	247	2.9	13.8			
Macfarlane et al. 1993	206	30.0	8.0	0.5		8.0
Macfarlane et al. 2001	316	17.1	9.8	7.3	17.4	19.3
GRACE study, 2012	3059	9.1	14.8	2.9	2.2	51.1
Range		3-30	3-15	0.5-9	0-17	8-61
 → C. pn is in some → Early data are la 	rgely b	ased or	n serolog	ical anal		1









Diagnostic tests for Legionella

Test	Time needed	Specimen S type	Sensitivity %	Specificity %
Culture	3-7 days	LRT Blood	<10-80 < 10	100 100
Fluoresc antibody staining	< 4 hrs	LRT	25-70	>95
Antigen detection ited to L.pneumophil	<pre>< 1 hr a serogroup1</pre>	Urine	70-90	>99
Serology	3-10 weeks	Serum	60-80	>95
PCR	< 4 hrs	LRT Serum Urine	80-100 30-50 46-86	> 90 > 90 > 90

