

Current Epidemiology and Activity of Genetically Diverse and Resistant Agents Against Escherichia coli Surveillance Isolates Causing Urinary Tract Infections in the United States



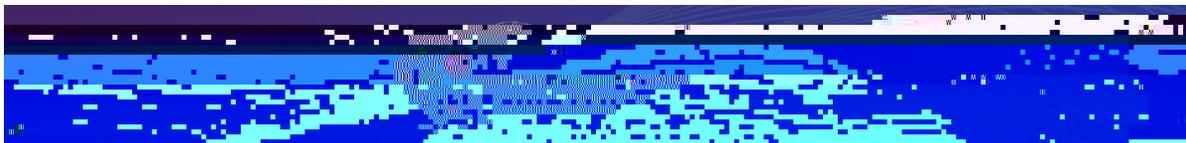
RE Mendes¹ TB Le¹ SJR Arends¹ Butler N Scangarella- man JM Streit¹ M Castanheira¹

¹JMI Laboratories North Liberty IA

GlaxoSmithKline Collegeville PA



PRE-SENTED AT:



MA ER A

Bacterial organisms

A total of 1035 *E. coli* 9.1% compared to 1.1% where available culture from sites were included as part of the e of ac global UN - h b 5 5 QN9 : wh 8 8 5 b 5 QN 5 QN9 a N - 5 5

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High rates of E. coli producing *E. coli* were detected in various U.S. census regions and likely associated with increased transmission and dissemination of the β -lactamase

This novel oral antibiotic may allow for the treatment of these community-acquired infections

Figure Proportions of E. coli-producing *E. coli* causing UTI in the 9 U.S. census regions. The proportions of E. coli isolates belonging to β -3 are also shown.

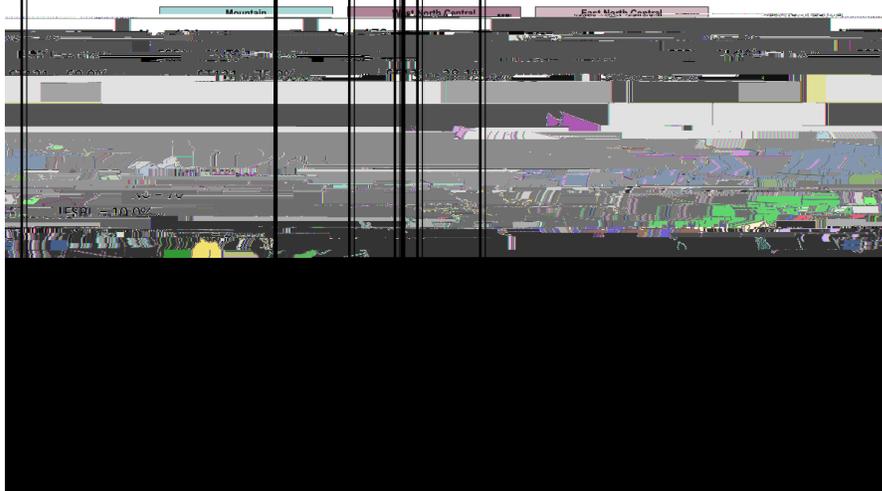


Table MIC distribution of ceftiofuran against various subsets of *E. coli*

Number and cumulative % of isolates inhibited at ceftiofuran MIC (µg/ml) of		MIC (µg/ml)					
		2	4	8	16	32	64
Non-ST131 ^o (100)		2	14	51	73	23	4
ESBL (170)		2	14	51	73	23	4
CTX-M11 (135)		1	1	1	1	1	1
ST131 ^o (100)		7	30	49	13	1	1
O25b:H4/fimH30 ^o (75)		4	20	40	10	1	1
O16:H11/fimH11 ^o (12)		3	5	4	1	1	1
Non-ST131 ^o (70)		21	24	10	3	2	1

^o 100% of isolates were O25b:H4, O16:H11, O15:H7 and non-typeable (n)

¹ 100% of isolates were O16:H11, O15:H7, O15:H7 and non-typeable (n)

² 36 ST types

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