

## Supplementary Materials

Biores Comm. January 2015. 1(1), 48-52.

# Pattern of Drug Resistance of Pathogenic Microbes in the Street Foods of Dhaka City, Bangladesh

Mohammed Abdullahel Amin<sup>¶</sup>, Md Baharul Islam<sup>¶</sup>, A. K. M. Mahbub Hasan<sup>¶</sup>, Emran Kabir Chowdhury and Hossain Uddin Shekhar\*

Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka – 1000, Bangladesh.

<sup>¶</sup> Authors contributed equally.

**Supplementary Table-1:** Description of the studied food items.

Food items	Principal ingredients	Preparing process (briefly)	Storage condition (duration in day)	Hygienic condition
Bhelpuri	Flour, chick-pea,	Paste flour fry in oil and put boiled chick-pea	Room temperature, open (3□)	Touch with naked hand and use dirty paper to sale
Cake	Flour, egg, sugar	Flour, egg and sugar paste are baked	Room temperature, open (7□)	Touch with naked hand and use dirty paper to sale
Cholaboot	Chick-pea	Boiled chick-pea fry on oil	Room temperature, open (3□)	Use wood spoon and use dirty paper to sale
Ghumni	Chick-pea, potato	Boiled chick-pea and potato mix	Room temperature, open (3□)	Use wood spoon and use dirty paper to sale
Samucha	Flour, onion vegetables	Flour paste containing onion & vegetables fry in oil	Room temperature, open (4□)	Touch with naked hand and use dirty paper to sale
Singara	Flour, potato, vegetables	Flour paste containing potato/vegetables fry in oil	Room temperature, open (3□)	Touch with naked hand and use dirty paper to sale
Sugarcane juice	Sugarcane	Use steel/iron machine to extract juice	Room temperature, open (1□)	Use polluted water and dirty glass to sale

**Supplementary Table-2:** Biochemical tests and substrate metabolisms to identify the isolates.

Biochemical test/substrate	Observation		Biochemical test/substrate	Observation	
	Isolate no-01 <sup>c</sup>	Isolate no-02 <sup>c</sup>		Isolate no-01 <sup>c</sup>	Isolate no-02 <sup>c</sup>
Gram staining	-	-	L-Rhamnose	+	+
Oxidase	-	-	Sucrose	-	+
Arginine dihydrolase	-	-	L-Arabinose	+	+
Lysine decarboxylase	+	-	Maltose	+	+
Ornithine decarboxylase	+	-	D-Mannose	+	+
Indole production	-	-	D-Xylose	+	+
Citrate utilization	-	-	D-Adonitol	-	+
Hydrogen sulfide	-	-	Nitrates reduction	+	+
Urea hydrolysis	-	-	Methyl red	-	-
Catalase production	+	+	Voges-Proskauer (VP)	+	-
Phenylalanine	-	-			
Motility	+	-	<b>Conclusion</b>	<i>Hafnia alvei</i>	<i>Klebsiella pneumoniae</i>
Gelatinase	-	-			
Lactose	-	-			
Glucose	+	+			
Gas from glucose	+	-			
D-Mannitol	+	+			
D-Sorbitol	-	+			

<sup>c</sup>See the text for details. + ve, indicates the presence; - ve, indicates the absence