

Table 1 Lectin histochemistry of the various parts of oviduct in *Rana tigerina* (breeding period).

Part of oviduct Lectin	PR		PC1			PC2			PC3			PC4			
	UF	LF	CC	NCC	MG	CC	NCC	MG	CC	NCC	MG	CC	NCC	MG	
														UMG	LMG
BSA-I (α -GalNAc, α -Gal)	-	++	-	-	-	-	++	+	+	+	-	-	++	-	-
ConA (α -D-Man, α -D-Glu)	++ (NCC)	++	+	+	-	++	-	-	++	-	-	+	-	-	-
LCA (α -D-Man, α -D-Glu)	+++	++	-	-	-	+	+	-	-	-	-	-	-	-	-
RCA-I (α -Gal, β -Gal)	+++ (NCC)	++	-	++	+	-	++	+	-	+++	-	-	+++	+	-
UEA-I (fucose)	-	++	-	-	++	+	-	-	+	-	-	+	-	++	-
WGA (GlcNAc, sialic acid)	++ (NCC)	++	-	+++	-	-	++	++	-	+++	+	-	++	-	+

- Negative staining, + Faint staining, ++ Moderately intense staining, +++ Highly intense staining, CC = Ciliated cell, LF = Lower fold, LMG = Lower mucosal gland, MG = Mucosal gland, NCC = Non-ciliated cell, UF = Upper Fold, UMG = Upper mucosal gland, α -GalNAc = α -N-acetylgalactosamine, α -D-Man = α -D-mannose, α -D-Glu = α -D-glucose, α -Gal = α -galactose, β -Gal = β -galactose, GlcNAc = N-acetylglucosamine

Table 2 Lectin histochemistry of the various parts of oviduct in *Rana tigerina* (non-breeding period).

Part of oviduct Lectin	PR		PC1			PC2			PC3			PC4			
	UF	LF	CC	NCC	MG	CC	NCC	MG	CC	NCC	MG	CC	NCC	MG	
														UMG	LMG
BSA-I (α -GalNAc, α -Gal)	-	+	-	-	-	-	-	-	-	+	-	-	-	+	-
ConA (α -D-Man, α -D-Glu)	+	+	-	-	+	-	-	-	+	-	-	-	-	-	-
LCA (α -D-Man, α -D-Glu)	+	+	-	-	+	-	-	-	-	-	-	-	-	-	-
RCA-I (α -Gal, β -Gal)	+	+	-	+	-	-	-	-	-	+	-	-	-	-	-
UEA-I (fucose)	-	++	-	-	++	+++	-	+	-	-	-	-	-	+	-
WGA (GlcNAc, sialic acid)	+	+	-	++	-	-	++	+	-	++	+	-	-	-	-

- Negative staining, + Faint staining, ++ Moderately intense staining, +++ Highly intense staining, CC = Ciliated cell, LF = Lower fold, LMG = Lower mucosal gland, MG = Mucosal gland, NCC = Non-ciliated cell, UF = Upper Fold, UMG = Upper mucosal gland, α -GalNAc = α -N-acetylgalactosamine, α -D-Man = α -D-mannose, α -D-Glu = α -D-glucose, α -Gal = α -galactose, β -Gal = β -galactose, GlcNAc = N-acetylglucosamine

Table 3 Lectin histochemistry of the various parts of oviduct in *Rana tigerina* (hormonal administration period).

Part of oviduct Lectin	PR		PC1			PC2			PC3			PC4			
	UF	LF	CC	NCC	MG	CC	NCC	MG	CC	NCC	MG	CC	NCC	MG	
														UMG	LMG
BSA-I (α -GalNAc, α -Gal)	+++ (NCC)	+++	-	+	-	-	+	-	-	+	-	-	++	-	-
ConA (α -D-Man, α -D-Glu)	-	-	+	-	-	+	-	-	+	+	-	+	-	+	-
LCA (α -D-Man, α -D-Glu)	-	+	+	-	-	+	+	-	+	-	-	+	+	-	-
RCA-I (α -Gal, β -Gal)	++	++	+++	+++	-	-	+++	-	++	++	-	+	++	+	-
UEA-I (fucose)	-	+++	+++	+++	+	-	++	-	+	++	-	+	+++	-	++
WGA (GlcNAc, sialic acid)	++	++	-	+	-	-	++	-	-	-	-	-	-	-	-

- Negative staining, + Faint staining, ++ Moderately intense staining, +++ Highly intense staining, CC = Ciliated cell, LF = Lower fold, LMG = Lower mucosal gland, MG = Mucosal gland, NCC = Non-ciliated cell, UF = Upper Fold, UMG = Upper mucosal gland, α -GalNAc = α -N-acetylgalactosamine, α -D-Man = α -D-mannose, α -D-Glu = α -D-glucose, α -Gal = α -galactose, β -Gal = β -galactose, GlcNAc = N-acetylglucosamine