

Materials List for:

# An Introduction to Parasitic Wasps of *Drosophila* and the Antiparasite Immune Response

Chiyedza Small<sup>\*1,2</sup>, Indira Paddibhatla<sup>\*1,2</sup>, Roma Rajwani<sup>1</sup>, Shubha Govind<sup>1,2</sup>

<sup>1</sup>Biology Department, The City College of New York, CUNY

<sup>2</sup>The Graduate Center, The City University of New York

\*These authors contributed equally

Correspondence to: Shubha Govind at [sgovind@ccny.cuny.edu](mailto:sgovind@ccny.cuny.edu)

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## Materials

Name	Company	Catalog Number	Comments
Yeast	Fisher Scientific	S80245-3	Active Dry
Fly Food	Home made	Corn meal, sugar	Standard
Honey	Dutch Gold	From the store	Clover
Vials	Fisher Scientific	AS514	
Cotton plug/Foam stopper	Fisher Scientific	14-127-40A	
Spatula	Fisher Scientific	21-401-15	
Pyrex dissecting dish	Fisher Scientific	50-930-382	9-well
Microscope slides pre-cleaned	Fisher Scientific	7101	25.4 mm x 76.2 mm
Glass coverslips	Pearl	D12544	22 x 50
Glass coverslips	Pearl	G12544	22 x 60
Pasteur Pipette	J H Berge	71-5200-05	
100 mm Tweezers	Sigma-Aldrich	T-4662	Style # 5
Wash Bottle	Fisher Scientific	03-409-22A	Fisherbrand
Kim Wipess	Fisher Scientific	34155	Kimberly Clark
Paper Towel	Fisher Scientific	Fisher X-101-C	1/8 x 13 1/8 in.
Leica stereomicroscope	Empire Imaging Systems, INC.	10446208	MZFLIII
Zeiss Stereomicroscope	Carl Zeiss, Inc.	000000-1006-126	"Stemi" 1000 or 2000-C
Light Source -LED Gooseneck illuminator	Fisher Scientific	12563501	
Stage	Carl Zeiss, Inc.		
Zeiss Laser 510 Scanning Confocal Microscope	Carl Zeiss, Inc.		
Incubator	Thermo Fisher Scientific, Inc.	815	
Dulbecco's Phosphate-Buffered Salt Solution 1X	Fisher Scientific	MT-21-030-CM Mediatech	
Ethanol	Fisher Scientific	64-17-5	99.5 %
Formaldehyde (37% w/w)	Fisher Scientific	F79-1	
H-chst 33258	Molecular Probes, Life Technologies	H-1398	0.2 µg/ml Excitation 352 nm; Emission 461 nm
Rhodamine phalloidin	Molecular Probes, Life Technologies	R415	200 units/ml (6.6 µM) Excitation 546 nm; Emission 565 nm
Alexa Fluor 488 phalloidin	Molecular Probes, Life Technologies	A22289	Excitation 495 nm; Emission 518 nm 300 units/ml
CO <sub>2</sub> tank	TW Smith		

Anti-Spz antibody	Gift Dr. C. Hashimoto (Yale)		
Secondary antibody TRITC-conjugated donkey anti-rabbit, concentration 1:50.	Jackson ImmunoResearch	711-165-152	Detected at Excitation 546 nm; Emission 565 nm
Antifade	MP Biomedicals	ICN10274790	0.08 mg of N-propyl gallate in 20 ml of 50% glycerol in 1X PBS
<b>Wasp Strains</b>			<b>Fly Strains</b>
<i>L. victoriae</i> <sup>16</sup>			<i>y w</i>
<i>L. bouleari</i> 17 <sup>1</sup>			<i>UAS-GFP-Dorsal</i> <sup>17</sup>
<i>L. heterotoma</i> <sup>2</sup>			<i>SerpentHemoGal4</i> <sup>13</sup>
<i>L. heterotoma</i> 14 <sup>1</sup>			<i>MSNF9-moCherry</i> <sup>14</sup>
<i>Trichopria drosophilae</i>			<i>MSNF-GFP</i> <sup>15</sup>
<i>G. xanthopoda</i> <sup>18</sup>			<i>y w Serpent-Gal4 UAS GFP-Dorsal/Basc</i> <sup>4</sup>
<i>y w ; Drosomycin-GFP/CyO y+</i> <sup>12</sup>			