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Subject: Zoology

Production of Courseware
-Content for Post Graduate Courses

Paper No. : 08 Biology of Parasitism

Module : 22 Morphology, Life Cycle and Transmission of *Wuchereria bancrofti*

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Description of Module	
Subject Name	ZOOLOGY
Paper Name	Biology of Parasitism- ZOOL 008
Module Name/Title	Morphology, Life Cycle and Transmission of <i>Wuchereria bancrofti</i>
Module ID	22; Morphology, Life Cycle and Transmission
Keywords	<i>Wuchereria</i> , <i>Culex</i> , Microfilaria, Nocturnal periodicity, Lymph, Filariasis

GLOSSARY

- **Definitive host:** Host in which the parasite passes its sexual adult life; also called primary or final host
- **Digenetic parasite:** Parasite that requires two hosts; definitive and intermediate; to complete its life cycle
- **Endoparasite:** Parasite that lives within the body of host and derives its nutrition
- **Hyaline sheath:** A thin and transparent covering
- **Juvenile:** Young and sexually immature stages
- **Nocturnal periodicity:** During day time, the microfilariae reside in the large and deeper blood vessels of various organs while, during night, they appear in the peripheral blood vessels
- **Ovo-viviparity:** A mode of reproduction in which organisms give birth to active embryo, i.e., embryo develop inside eggs retained within the mother's body until they are ready to hatch.
- **Sexual dimorphism:** Conspicuous morphological differences between male and female

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WEB RESOURCES

- http://www.cdc.gov/parasites/lymphaticfilariasis/biology_w_bancrofti.html
- <http://nvbdcp.gov.in/fil9.html>
- <http://nvbdcp.gov.in/filariasis-faq.html>
- https://en.wikipedia.org/wiki/Wuchereria_bancrofti
- <https://www.youtube.com/watch?v=kADJgoxdvE8>
- <http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/wuchereria-bancrofti-eng.php>
- https://www.youtube.com/watch?v=_AZ4IIPQehU
- <http://www.filariasis.org/pdfs/Press%20Centre/Brochures/lfcycle.pdf>
- <http://www.yourarticlelibrary.com/biology/wuchereira-bancrofti-distribution-life-cycle-mode-of-transmission-and-treatment/24215/>

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