

Developmental Biology Summer Course – August, 2016

	Tuesday 23.8.16	Wednesday 24.8.16	Thursday 25.8.16	Friday 26.8.16	Saturday 27.8.16	Sunday 28.8.16	Monday 29.8.16	Tuesday 30.8.16
9:00-12:00		<u>Avihu:</u> General intro & fertilization  Gastrulation – 3 germ layers	<u>Ze'ev:</u> Segmentation in the <i>Drosophila</i> embryo	<u>Paper preparation:</u> <b>Gurdon et al., Nature 371, 487-492, 1994</b>  Research topics – Abraham and Joel	excursion	<u>Joel:</u> Left-right asymmetry-cellular and morphological level	<u>Paper preparation:</u> <b>Chitnis et al., Nature, 375, 761-766, 1995</b>  <u>Avihu:</u> Organogenesis and malformations in the CNS	Paper-?  Visit labs?
12:00-13:00	lunch			excursion				Picnic lunch and summary
13:00-15:00	Arrival Settle into dorms	<u>Joel:</u> Axis formation in <i>Xenopus</i>	<u>Abraham:</u> Segmentation and Hox theory in vertebrates			<u>Ze'ev:</u> Neurogenesis in flies	<u>Avihu:</u> Axon Guidance	
15:00-17:00		<u>Abraham:</u> Gastrulation in <i>Xenopus</i>	<u>Paper preparation:</u> <b>Newport and Kirschner, Cell 30, 675-686, 1982</b>			<u>Avihu:</u> Pattern formation in the CNS	Research topics – Ze'ev and Avihu	

Textbook: Gilbert – **Developmental Biology**, 6-9 editions

6<sup>th</sup> edition online: <http://www.ncbi.nlm.nih.gov/books/NBK9983/>