

Ninth Bangalore Benny Shilo Course  
on Developmental Biology  
January 01-11, 2019

Venue: Course @ Raspuri & NCBS Seminar @ LH 1

January 01, 2019

09:00 – 10:30	<b>Benny Shilo</b> – General course introduction and Life’s blueprint lecture
10:30- 11:00	Tea break
11:00 – 12:30	<b>Benny Shilo</b> – DV polarity in the Drosophila ovary <a href="https://www.ncbi.nlm.nih.gov/pubmed/23369355">Review: https://www.ncbi.nlm.nih.gov/pubmed/23369355</a>
12:30 – 01:30	Lunch Break
02:00 – 03:30	Science/social Q&A
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar Benny Shilo- Buffering morphogen gradients</b>
05:30 – 06:30	<b>Benny Shilo</b> – DV polarity in the Drosophila embryo
06:30 – 07.30	<b>Dinner</b>
08:00	<b>Informal after dinner discussion</b>

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January 02, 2019

09:00 – 10:30	<b>Shaul Yogev</b> - Introduction to neuronal polarity
10:30- 11:00	Tea break
11:00 – 12:30	<b>Benny Shilo</b> – Actomyosin in secretion
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Shaul Yogev</b> - Building the neuronal cytoskeleton
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar Shaul Yogev-How the road directs traffic: Microtubule organization patterns determine axonal transport dynamics</b>
05:30 – 06:30	<b>Science/social Q&amp;A</b>
06:30 – 07.30	<b>Dinner</b>
08:00	<b>Informal after dinner discussion</b>

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January 03, 2019

09:00 – 10:30	<b>Erez Raz</b> – The zebrafish as a vertebrate model organism in developmental biology
10:30- 11:00	Tea break
11:00 – 12:30	<b>Shaul Yogev</b> – Polarized cargo transport in neurons
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Erez Raz</b> – The function of Chemokines in zebrafish embryonic development <a href="https://www.ncbi.nlm.nih.gov/pubmed/12951570">Review: https://www.ncbi.nlm.nih.gov/pubmed/12951570</a>
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar Erez Raz</b> –The function of Chemokines in zebrafish embryonic development
05:30 – 06:30	<b>J club preparation (Erez Raz)</b> <a href="https://www.ncbi.nlm.nih.gov/pubmed/29873633">https://www.ncbi.nlm.nih.gov/pubmed/29873633</a>
06:30 – 07.30	<b>Dinner</b>
08:00	<b>Informal after dinner discussion</b>

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January 04, 2019

09:00 – 10:30	<b>Danny Ben-Zvi</b> – Mechanisms underlying the results of bariatric surgeries  <i>Review: <a href="https://www.ncbi.nlm.nih.gov/pubmed/27912678">https://www.ncbi.nlm.nih.gov/pubmed/27912678</a></i>
10:30- 11:00	Tea break
11:00 – 12:30	<b>Erez Raz</b> – Germ cell fate acquisition and maintenance – lessons from zebrafish
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Erez Raz</b> – J club
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar Danny Ben-Zvi-weight-loss independent effects of weight-loss surgery</b>
05:30 – 06:30	<b>Science/social Q&amp;A</b>
06:30 – 07.30	<b>Dinner</b>
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January 05, 2019

09:00 – 10:30	<b>Anne Ephrussi</b> – mRNA localization in animal development <a href="http://dev.biologists.org/content/139/18/3263.long">Review: http://dev.biologists.org/content/139/18/3263.long</a>
10:30- 11:00	Tea break
11:00 – 12:30	<b>Danny Ben-Zvi</b> – How does a tissue know its own size? from development to regeneration and bariatric surgery
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Anne Ephrussi</b> – Mechanisms and functions of RNA localization
03:30 – 04:00	Tea Break
04:00 – 05:30	
05:30 – 06:30	<b>Science/social Q&amp;A</b>
06:30 – 07.30	<b>Dinner</b>
08:00	<b>Informal after dinner discussion</b>

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January 07, 2019

09:00 – 10:30	<b>Jacub Abramson</b> – Dr. House: Clinical Cases in Immunology I  <i>Review: <a href="https://www.ncbi.nlm.nih.gov/pubmed/28226225">https://www.ncbi.nlm.nih.gov/pubmed/28226225</a></i>
10:30- 11:00	Tea break
11:00 – 12:30	<b>Anne Ephrussi</b> – Phase transitions in germ granule formation in flies and worms
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Jacub Abramson</b> – Dr. House: Clinical Cases in Immunology I I
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar Anne Ephrussi-mRNA transport in a large polarised cell</b>
05:30 – 06:30	<b>Science/social Q&amp;A Anne Ephrussi-</b> Good scientific practice
06:30 – 07.30	<b>Dinner</b>
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January 08, 2019

09:00 – 10:30	<b>Nicolas Plachta</b> – Recent advances in early mammalian development  <b>Review:</b> <a href="https://www.sciencedirect.com/science/article/pii/S1534580718304052?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S1534580718304052?via%3Dihub</a>
10:30– 11:00	Tea break
11:00 – 12:30	<b>Jacob Abramson</b> – Breath of Fresh AIRE: From Central Tolerance to Anti-fungal Response
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Nicolas Plachtac</b> – Recent advances in biology using imaging technologies
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar</b> Jacob Abramson–(Re)discovering the Thymus
05:30 – 06:30	<b>J club preparation (Nicolas Plachtac)</b> <a href="https://www.ncbi.nlm.nih.gov/pubmed/29097549">https://www.ncbi.nlm.nih.gov/pubmed/29097549</a>
06:30 – 07.30	<b>Dinner</b>
08:00	<b>Informal after dinner discussion</b>

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January 09, 2019

09:00 – 10:30	<b>Raj Ladher</b> – R Outside-In, Morphogenesis of the Inner Ear
10:30- 11:00	Tea break
11:00 – 12:30	<b>Nicolas Plachtac</b> – Using imaging to discover how mammalian cells function in vivo
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Nicolas Plachtac</b> – J club
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar Nicolas</b> –Imaging how cells choose their fate, shape and position in the early mammalian embryo
05:30 – 06:30	Science/social Q&A
06:30 – 07.30	Dinner
08:00	Informal after dinner discussion

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January 10, 2019

09:00 – 10:30	<b>Eli Zelzer</b> – limb development as a model for organogenesis
10:30- 11:00	Tea break
11:00 – 12:30	<b>Mahendra Sonawane</b> –
12:30 – 01:30	Lunch Break
02:00 – 03:30	<b>Eli Zelzer</b> – limb musculoskeletal development
03:30 – 04:00	Tea Break
04:00 – 05:30	<b>NCBS seminar Eli Zelzer–the Proprioceptive system acts as a super–system that regulates skeletal growth and regeneration</b>
05:30 – 06:30	<b>Course summary</b>
06:30 – 07.30	<b>Dinner</b>
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January 11, 2019

09:00 – 10:30

**Eli Zelzer** – New directions in understanding human  
genetics disorders

10:30- 11:00

Tea break