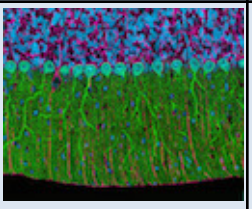
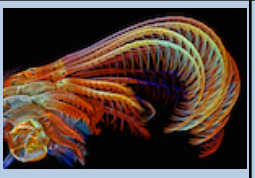
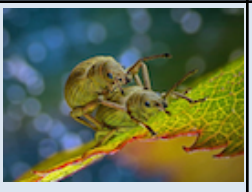
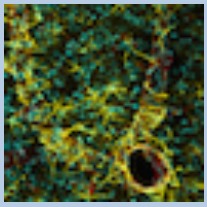
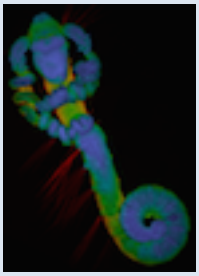
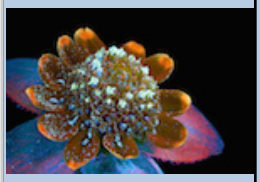
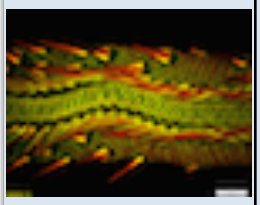
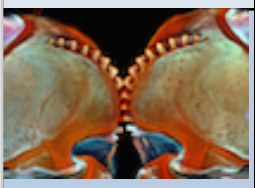
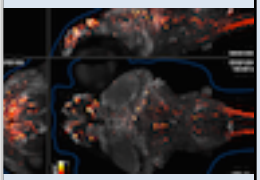
2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

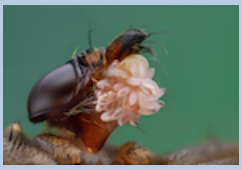
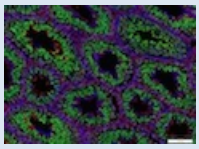
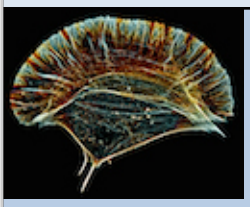
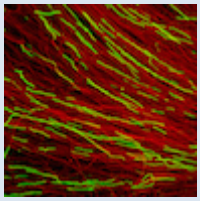
Image	Prize	Name	Largest file size	Caption info
MOVIE 	1	Dr. William Lemon, Mr. Fernando Amat, Dr. Philipp Keller	MOVIE: 488mb	MOVIE: Multiple views of *Drosophila* embryonic development. This embryo was recorded in 30-second intervals over a period of 24 hours, starting three hours after egg laying. The video may help reveal cell lineages, cell differentiation and whole-embryo morphogenesis, essential aspects of developmental biology. The newly hatched larva begins to crawl off screen at the end of the video. Custom-built simultaneous multi-view light sheet microscopy. William Lemon, Fernando Amat and Philipp Keller, HHMI Janelia Research Campus, Ashburn, VA, USA. First Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	2	Mr. Thomas Deerinck	10.5mb	Rat brain cerebellum. Multiphoton photography, 300x. Thomas Deerinck, National Center for Microscopy and Imaging Research, University of California San Diego, CA, USA. Second Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	3	Dr. Igor Siwanowicz	8.2mb	Barnacle appendages that sweep plankton and other food into the barnacle's shell for consumption. Confocal microscopy, 100x. Igor Siwanowicz, HHMI Janelia Research Campus, Ashburn, VA, USA. Third Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	4	Dr. Csaba Pintér	5.2mb	*Phyllobius roboretanus* weevils. Stereo microscopy. Csaba Pintér, Keszthely, Hungary. Fourth Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	5	Miss Madelyn May	3.2mb	Rat brain cerebral cortex depicting cell nuclei (cyan), astrocytes (GFAP, yellow), and blood vessels (EBA, red). Confocal microscopy. Madelyn May, Hano, NH, USA. Fifth Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

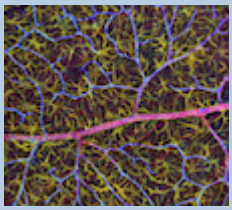
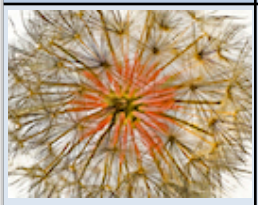
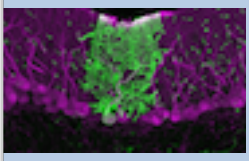
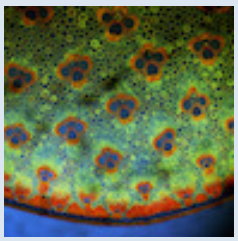
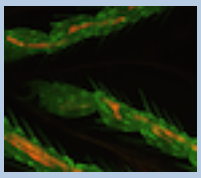
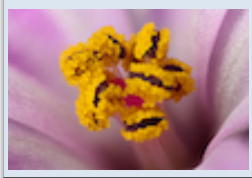
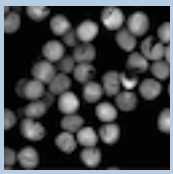
	**6**	Dr. David Johnston	141.5 mb	Magelonid polychaete worm larva from a plankton sample collected in Southampton Water off the south coast of the UK. Actual specimen size approx 2mm. Confocal microscopy using a 10x objective. David Johnston, Southampton General Hospital Biomedical Imaging Unit, Southampton, UK. Sixth Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	**7**	Mr. Oleksandr Holovachov	18 mb	Butter daisy (*Melampodium divaricatum*) flower at 2x magnification. Fluorescence. Oleksandr Holovachov, Ekuddsvagen, Sweden. Seventh Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	**8**	Dr. Matthew S. Lehnert and Ms. Ashley L. Lash	71.7mb	Proboscis (mouthparts) of a vampire moth (*Calyptra thalictri*). The moth was captured by Jennifer Zaspel in Russia. The proboscis was imaged at 10x and shows the dorsal legulae, tearing hooks, and erectile barbs that facilitate the acquisition of fruit juices and mammalian blood when feeding. Confocal microscopy. Matthew S. Lehnert and Ashley L. Lash, Kent State University at Stark, North Canton, OH, USA. Eighth Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	**9**	Dr. Igor Siwanowicz	4mb	Green coneheaded planthopper (*Acanalonia conica*) nymph with its gears. The insects are accomplished jumpers, able to accelerate at staggering 500 times the force of gravity (500xg); to synchronize the movement of their hind legs, their trochanters are coupled with a pair of cogs. Image shows dorsal view of these trochanteral gears. The insect demonstrates that gears, which until recently were thought to be a human invention, exist in the natural world. Confocal microscopy, magnification ca. 200x. Igor Siwanowicz, HHMI Janelia Research Campus, Ashburn, VA, USA. Ninth Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
MOVIE 	**10**	Dr. Philipp Keller, Mr. Fernando Amat and Dr. Misha Ahrens	MOVIE 63.5mb	MOVIE: Neural activity in an entire zebrafish brain *in vivo*. The video, which shows fast 3D recordings of the entire larval brain (ca. 100,000 neurons), depicts, for the first time, an almost exhaustive view of single-neuron activity in the brain of a living vertebrate. Custom-built simultaneous multi-view light sheet microscopy. Philipp Keller, Fernando Amat and Misha Ahrens, HHMI Janelia Research Campus, Ashburn, VA, USA. Tenth Prize, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

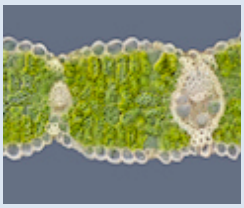
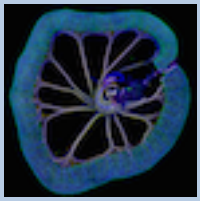
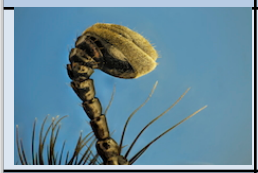
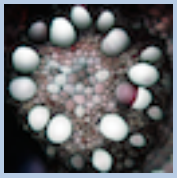
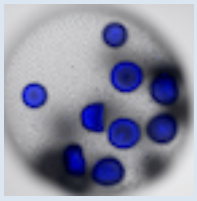
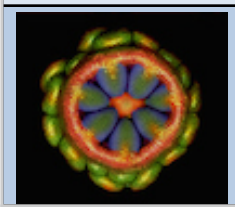
HONORABLE MENTIONS IN ALPHABETICAL ORDER

	HM	Mr. Arturo Agostino	8 mb	*Paramecium*. Differential interference contrast. Arturo Agostino, Scordino, Italy. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Yousef Al Habshi	409 kb	Louse fly *(Crataerina pallida)* with its own egg. These biting flies are commonly found in the nests of the common swift bird (*Apus apus*) in Europe and Asia. The adult lousefly produces larvae in the late summer months which then pupate and lie dormant during the winter months inside the vacated swift nest. Adult flies hatch in the spring (when the first swift eggs are laid by returning birds) and feed on the birds' blood. *C. pallida* can be pests to adult and nestling swifts but are relatively benign, because their own species fitness depends on successful reproduction of swifts. Brightfield. Yousef Al Habshi, ADCO, Abu Dhabi, United Arab Emirates. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mrs. Claudia Bognanni	1.1 mb	Mouse testis with cell nuclei in blue and RNA (genetic material) in green. It is possible to follow the spermatogenesis (sperm production) process by observing the distribution of RNA. Fluorescence and virtual microscopy. Claudia Bognanni, Rockefeller University, New York, NY, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Dylan Burnette	9.1 mb	3D actin filaments in a crawling mouse embryonic fibroblast. The cell was crawling (moving towards the top of the image) when it was photographed. In this particular image, only the very bottom of the cell is shown. Structured illumination, magnification as submitted 8610x. Dylan Burnette, Vanderbilt University School of Medicine, Nashville, TN, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Alessio Vittorio Colombo	1.9 mb	Mouse embryonic dorsal root ganglia, part of the spinal nervous system. Confocal microscopy, 10x. Alessio Vittorio Colombo, Munich, Germany. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

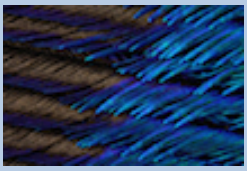
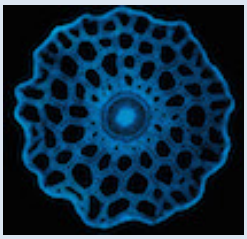
2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

	HM	Mr. Thomas Deerinck	43.7 mb	Retina. Thomas Deerinck, National Center for Microscopy and Imaging Research, University of California, San Diego, CA, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Thomas Deerinck	258 mb	Dandelion (*T. officinale*) seed-bearing parachutes. Stereomicroscopy and extended focus imaging, 10x magnification. Thomas Deerinck, National Center for Microscopy and Imaging Research, University of California, San Diego, CA, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. W. Todd Farmer	2.2 mb	Single genetically labeled Purkinje neuron (green) in a field of unlabeled neurons (magenta) in the mouse cerebellar cortex, part of the brain. Confocal microscopy using 20x objective. W. Todd Farmer, Research Institute of the McGill University Health Centre, Montreal, Quebec, Canada. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Fernan Federici	13.4 mb	Bamboo. 3D projection of a z-stack of confocal images of bamboo, cleared and stained following Jim Haseloff's protocol (*Biotechniques* 2003, Vol 34). Fernan Federici, Pontifical Catholic University of Chile, Santiago, Chile. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
MOVIE 	HM	Dr. Anna Franz	MOVIE 9.9 mb	MOVIE: Immune cells migrating inside a fly's legs. Macrophages (red) migrating inside the legs (green) of a *Drosophila* pupa. Confocal microscopy with a 63x oil objective. Anna Franz, School of Biochemistry, University of Bristol, UK. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Karl Gaff	26.2 mb	*Geranium robertianum* (wildflower Herb Robert) anthers with pollen grains visible. Karl Gaff, Dublin, Ireland. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Marta Guervos	3.7 mb	*Spathiphyllum* (peace lilies) pollen, stained with safranin, 124 optical sections. Confocal microscopy, 63x objective. Marta Guervos, University of Oviedo, Spain. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

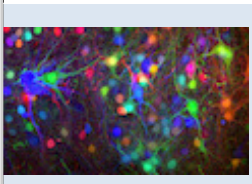
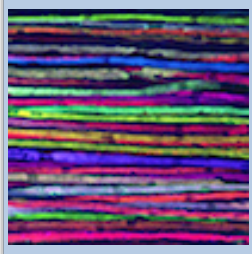
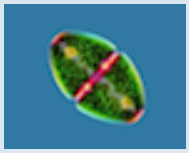
2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

	HM	Mr. Gerd Günther (may also write as: Guenther)	4.2 mb	Section through a leaf of *Dactylis glomerata (*orchardgrass or cock's-foot*)*. Differential interference contrast, about 500x. Gerd A. Günther, Dusseldorf, Germany. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. John Hatch	19.4 mb	Mouse small intestine at embryonic day 15.5. Whole-mount triple immunohistochemistry shows the duodenum, jejunum, ileum, and mesentery. The confocal image visualizes blood vessels (blue), enteric neurons (green), and sympathetic axons (green and red; seen as yellow). John Hatch, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Jörgen Hellberg	6.1 mb	Geotrupidae (earth-boring dung beetle) antenna. Stacked brightfield images. Jörgen Hellberg, Vallentuna, Sweden. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Helle Juel Martens	476 kb	Ginger rhizome section showing the vascular tissue. Phase contrast, differential interference contrast and polarized light microscopy. Helle Juel Martens, Department of Plant and Environmental Sciences, Center for Advanced Bioimaging, Copenhagen, Denmark. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
MOVIE 	HM	Mr. Kentaro Kabuki, Dr. Noriko Ueki and Dr. Takako Kato-Minoura	MOVIE 46.3 mb	MOVIE: *Volvox rousseletii*, a type of algae, with embryos developing. Specimen consists of ~5000 cells arranged in a monolayer at the surface of the transparent sphere. About 10 embryos are inside. Each embryo turns itself inside out (inversion) at the end of its embryogenesis. Confocal and differential interference contrast microscopy. Kentaro Kabuki, Noriko Ueki and Takako Kato-Minoura, Chuo University, Tokyo, Japan. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mrs. Masoumeh "Sahar" Khodaverdi	6.7 mb	*Papaver sp*. (poppy) floral primordium. Epi-illumination, 100 z-stacked images. Masoumeh "Sahar" Khodaverdi, Tabriz University, East Azarbaijan, Iran, Islamic Republic. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

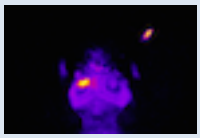
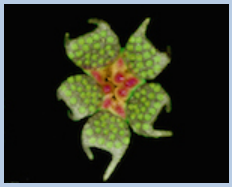
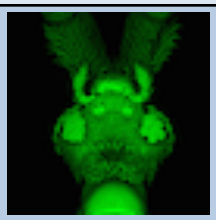
2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

	HM	Mr. Charles Krebs	1.9 mb	Mosquito larva, early instar, polarized darkfield illumination, 100x. Charles Krebs, Issaquah, WA, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Charles Krebs	2.8 mb	Peacock feather, Reflected light, 100x. Charles Krebs, Issaquah, WA, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Robert Lavigne	13.1 mb	Diatom *Coscinodiscus excavatus*. The specimen diameter is 213 µm. Magnification on presentation was 500x. Robert Lavigne, Montreal, Quebec, Canada. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Edwin Lee	3.4 mb	Shepherd's purse seed pod, treated in a lye-water solution to render the pod's outer wall nearly transparent. *Capsella bursa-pastoris*, a common weed and part of the mustard family, produces small triangular-shaped seed pods. The plant is commonly used in Asian cooking, tea and herbal medicines. Captured at 6x using brightfield microsopy. Edwin Lee, Carrollton, TX, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Olivier Leroux	4.5 mb	Horsetail stem. Transverse (vibratome) section through the stem of *Hippuris vulgaris* (also called mare's tail or horsetail) stained with calcofluor white. Olivier Leroux, University of Ghent, Ghent, Belgium. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Jun Liu	3.8 mb	Live fluorescence image of two *Toxoplasma gondii* parasites residing in one parasitophorous vacuole in a human cell. The parasites are labeled by mEmeraldFP-TLAP2. The dimension of the image is 10.67 um x 10.67 um. Super resolution microscopy. Jun Liu, Indiana University, Bloomington, IN, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

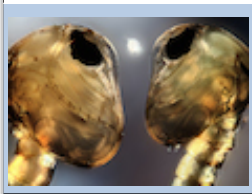
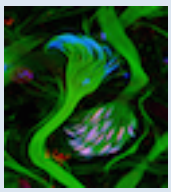
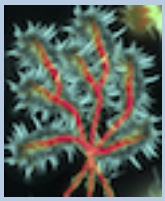
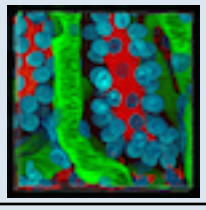
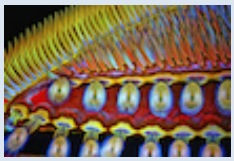
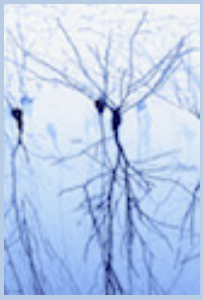
2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

	HM	Dr. Katie Matho	2.1 mb	Motoneurons in the Brainbow 1.0 mouse at a postnatal development stage (P10). In Brainbow mice, neurons randomly choose combinations of red, yellow and cyan fluorescent proteins, so that they each glow a particular color. This provides a way to distinguish neighboring neurons and visualize brain circuits. Confocal microscopy using a 60x oil immersion objective. Katie Matho, Institut de la Vision, Paris, France. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
		Dr. Katie Matho	11.6 mb	Oculomotor axons from a Brainbow mouse. In Brainbow mice, neurons randomly choose combinations of red, yellow and cyan fluorescent proteins, so that they each glow a particular color. This provides a way to distinguish neighboring neurons and visualize brain circuits. Katie Matho, Institut de la Vision, Paris, France. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Jan Michels	12.6 mb	Dorsal view of the tip of a leg of the hoverfly species *Eristalis tenax*. Confocal microscopy with autofluorescence, captured with a 20x objective. Jan Michels, Christian-Albrechts-Universität, Kiel, Germany. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Anatoly Mikhaltsov	8.5 mb	Fern spore structure. A sorus (a cluster of sporangia, which produce and contain spores) of the fern *Polypodium aureum* (hare's foot fern). Diffused reflected illumination. Anatoly Mikhaltsov, Omsk, Russian Federation. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Rogelio Moreno Gill	13.8 mb	*Cosmarium sp.* (micro algae) from a river, showing the chloroplasts, isthmus and accumulation of crystals. Polarized light with image stacking. Rogelio Moreno Gill, Panama City, Panama. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Rogelio Moreno Gill	18.2 mb	*Micrasterias furcata* algae showing the final stage of cell division. Polarized light, image stacking. Rogelio Moreno Gill, Panama City, Panama. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

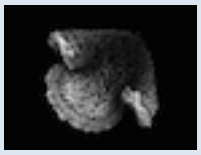
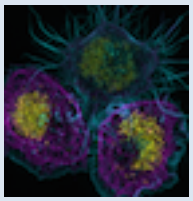
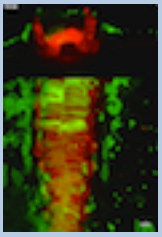
2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

MOVIE 	HM	Dr. Akira Muto	MOVIE 12.6 mb	MOVIE: Zebrafish brain as it perceives prey. Visualization of neuronal activity (calcium signals) during perception of a paramecium (prey) in the zebrafish larval brain. Recorded at 10fps. (Reference: http://www.sciencedirect.com/science/article/pii/S096098221300002X.) Fluorescence. Akira Muto, National Institute of Genetics, Mishima, Shizuoka, Japan. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Somayeh Naghiloo	5 mb	*Euphorbia* (spurge) flower showing five nectaries (nectar-secreting glands). Fluorescence and image stacking. Somayeh Naghiloo, Johannes Gutenberg University Institute of Special Botany, Mainz, Germany. 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Waldo Nell	5.2 mb	Underside of isopod from Stanley Park, Vancouver. Fluorescence and image stacking (40 images). Waldo Nell, Surrey, BC, Canada. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Joseph Parker	12.6 mb	Beetle head. Ventral head of the 2mm-long rove beetle *Pachacuti sp.* (Staphylinidae: Pselaphinae). Specimen from Ecuador. Confocal microscopy. Joseph Parker, Columbia University, New York, NY, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Tyrel Pinnegar	3.6 mb	Tarantula carapace (upper section of the exoskeleton). The specimen is Indian Ornamental Tarantula - *Poecilotheria regalis*. Stereo microscopy. Tyrel Pinnegar, Whistler, BC, Canada. 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Csaba Pintér	6.7 mb	*Tortula ruralis* (a type of moss) sporangiums. Stereo microscopy, image stacking. Csaba Pintér, Keszthely, Hungary. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Francis Prior	12.1 mb	Jumping spider. Epi-illumination. Francis Prior, Liverpool, UK. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

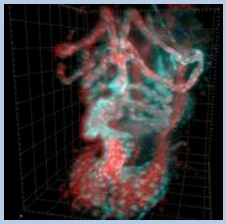
	HM	Mr. Jerzy Rojkowski	5.3 mb	Two mosquito pupae. Differential interference contrast and image stacking, 10x. Jerzy Rojkowski, Krakow, Poland. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Janet Rollins	5.7 mb	*Drosophila* (fruitfly) sperm stained for beta tubulin (green), nuclei (blue) and SUMO (red). Confocal microscopy. Janet Rollins, Mount Saint Vincent University, Bronx, NY, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Natalia Sanchez-Soriano	164 kb	Growth cones of *Drosophila* neurons. The neurons were extracted from *Drosophila* embryos and cultured for several hours. Image shows microtubule cytoskeleton (red) and actin cytoskeleton (light blue). Confocal microscopy, 100x. Natalia Sanchez-Sorano, University of Liverpool, UK. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Ruben Sandoval	6.8 mb	Kidney, showing microvasculature in green, distal tubule lumen in red, and nuclei in cyan. Multiphoton microscopy. Ruben Sandoval, Indiana University School of Medicine, Indianapolis, IN, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Dr. Igor Siwanowicz	8.1 mb	Part of the front foot of a giant diving beetle (*Dytiscus sp*). The foot is covered in an array of suction cups surrounded by hollow hairs forming an adhesive pad. The adaptation allows males to attach and stay on top of females while mating. Confocal microscopy, ca. 100x. Igor Siwanowicz, HHMI Janelia Research Campus, Ashburn, VA, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Ms. Joanna Szczurkowska	7.3 mb	Neurons in mouse brain. Pyramidal neurons located in CA1 region of mouse hippocampus (postantal day 7). Neurons have been marked with green fluorescent protein via improved three-electrode *in utero* electroporation, efficiently targeting progenitor cells of hippocampal pyramidal neurons. Confocal microscopy, 63x. Joanna Szczurkowska, Italian Institute of Technology, Genoa, Italy. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

	HM	Mr. Damon Tighe	987 kb	Orange-striped green sea anemone (*Diadumene lineata*), an invasive species found in California's Lake Merritt. Stereo microscopy, 100x. Damon Tighe, Oakland, CA, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mrs. Magdalena Turzańska	9.4 mb	Liverwort. An apex of *Porella cordaeana* gametophyte. Fluorescence, 125x. Magdalena Turzańska, University of Wrocław, Poland. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
MOVIE 	HM	Mr. Wim van Egmond	MOVIE 95.9 mb	MOVIE: Tardigrade (water bear). Differential interference contrast, 25x. Wim van Egmond, Berkel en Rodenrijs, The Netherlands. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
MOVIE 	HM	Mr. Wim van Egmond	MOVIE 94.9 mb	MOVIE: *Penicillium*. Fungus imaged using 10x and 20x objectives and a stacking device. Wim van Egmond, Berkel en Rodenrijs, The Netherlands. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. Bruno Vellutini	1.4 mb	Cilia (hairlike structures) of a 400-µm-long pilidium larva of a nemertean (ribbon worm). Sample was collected from the plankton in the Gullmar Fjord in Sweden. Bruno Vellutini, Bergen, Norway. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
	HM	Mr. William Voss	2.2 mb	S2 cells from *Drosophila* (fruitfly), triple stained. Confocal microscopy. William Voss, Oregon Health & Science University, Portland, OR, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com
MOVIE 	HM	Dr. Fengzhu Xiong	MOVIE 16.6 mb	MOVIE: Neural tube formation in zebrafish embryo. Neural tube is the precursor of our brain and spinal cord. Mosaic labeling allows neural progenitors to be followed and their morphology and projections analyzed. Movie combines top view (bottom) and cross-sectional view (top) 3D maximum rendering of the 3-channel time-lapse dataset. Time indicates hours post fertilization. The embryo starts to twitch near the end of the movie. Fengzhu Xiong, Harvard Medical School, Boston, MA, USA. Honorable Mention, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com

2014 Olympus BioScapes Digital Imaging Competition®
Winners and Honorable Mentions

TECHNICAL MERIT AWARD

MOVIE 	Tech Merit	Mr. Michael Weber	MOVIE 36.8 mb	MOVIE: Beating heart. 3D reconstruction of a three-day-old beating zebrafish heart and the surrounding vasculature. Endocardium is depicted in cyan, myocardium and blood cells in red. Ventral view, with the head facing up. Custom-enhanced single-plane illumination (light sheet) microscopy. Michael Weber, Max Planck Institute for Molecular Cell Biology and Genetics, Dresden, Germany. Judges' Special Award for Technical Merit, 2014 Olympus BioScapes Digital Imaging Competition®. www.OlympusBioScapes.com