

File	Caption	Credits
01_interview sampurna chakrabarti_part I of II_16x9_1920x1080	Interviews with Gary Lewin and Sampurna Chakrabarti on the research question, main results, methods and future outlook	Felix Petermann, Max Delbrück Center
02_interview sampurna chakrabarti_part II of II_16x9_1920x1080		
03_interview sampurna chakrabarti_part I of II_16x9_3840x2160		
04_interview sampurna chakrabarti_part II of II_16x9_3840x2160		
05_interview gary lewin_part I of II_16x9_1920x1080		
06_interview gary lewin_part I of II_16x9_3840x2160		
07_interview gary lewin_part II of II_16x9_1920x1080		
08_interview gary lewin_part II of II_16x9_3840x2160		
09_b-roll_part I of IV_16x9_1920x1080	Scene 01 Pulling a glass electrode for recording currents from sensory neurons. Scene 02 Fire-polishing a glass electrode which will be used for recording currents from sensory neurons. Scene 03 Electrophysiological recording of nerves in the skin.	
10_b-roll_part II of IV_16x9_1920x1080	Scene 04 Confocal microscopy of sensory neurons Scene 05 Moving the poking electrode using a joystick controller	
11_b-roll_part III of IV_16x9_1920x1080	Scene 06 Patch clamp electrophysiology in which currents evoked from sensory neurons can be measured: Petri dish with sensory neurons that are poked with the glass electrode. Scene 07 The steps of patch clamp electrophysiology as seen through the recording software. Scene 08 Sampurna Chakrabarti and Gary Lewin walking	
12_b-roll_part IV of IV_16x9_1920x1080	Scene 09 Sampurna Chakrabarti and Gary Lewin discussing while watching a screen. Scene 10 Impressions of Max Delbrück Center at Campus Berlin-Buch with the building that hosts the Lewin lab.	
13_b-roll_part I of IV_16x9_3840x2160	see above	
14_b-roll_part II of IV_16x9_3840x2160	see above	
15_b-roll_part III of IV_16x9_3840x2160	see above	
16_b-roll_part IV of IV_16x9_3840x2160	see above	
17_background sound_lab	Background sound in the lab.	
18_background sound_microscope room	Background sound in the microscope room.	
19_© Felix Petermann, Max Delbrück Center_paper_sampurna chakrabarti-IMG_5249	Sampurna Chakrabarti is Fire-polishing a glass electrode.	
20_© Felix Petermann, Max Delbrück Center_paper_sampurna chakrabarti-IMG_5265		
21_© Felix Petermann, Max Delbrück Center_paper_sampurna chakrabarti-IMG_5342	Petri dish with sensory neurons that are poked with the glass electrode.	
HumanNeuron_Hulme	Induced human sensory neurons with the ion channel Elkin1 (cyan), nucleus (yellow) and Neurofilament 200 (magenta), that stains for large neurons that are involved in light touch.	Amy Hulme, University of Wollongong
MDC_Mikroskop_Bohm	Sampurna Chakrabarti at the microscope in in the Lewin Lab at the Max Delbrück Center.	Katharina Bohm, Max Delbrück Center
MouseDRG_Chakrabarti	Mouse neurons with the new ion channel Elkin1 (cyan), which is responsible for touch sensation, nucleus (yellow) and the already known ion channel Piezo2 (magenta).	Sampurna Chakrabarti, Max Delbrück Center