

Gordon Research Conferenceのプログラム

事務局

今年のゴードンコンフェレンスは8月9日から13日まで、アメリカで開かれました。日本からの出席者の一人、近藤先生（基生研）からプログラムをいただきましたので、紹介します。

August 9

Takao Kondo (National Institute for Basic Biology): Prokaryotic circadian rhythms of gene expression reported by Bacterial luciferase.

Maria Mittag (Harvard Univ.): Circadian control of gene expression in the bioluminescence system of the marine dinoflagellate *Gonyaulax polyedra*.

Jon Kornhauser (Northwestern Univ.): Light-activated signal transduction pathways in the suprachiasmatic nucleus.

Jay Dunlap (Dartmouth Medical School): *Neurospora* - the molecular identity of a clock gear and hand.

Brigitte Frisch (Brandeis Univ.): Elements of the *period* gene's cyclical expression in the *Drosophila* brain.

Russell van Gelder (Stanford Univ.): Circadian control of gene transcription in *Drosophila melanogaster*.

August 10

Gregory Cahill (Univ. Kansas Medical Center): A circadian oscillator in vertebrate retinal photoreceptors.

Gene Block (Univ. Virginia): Cellular analysis of circadian rhythms in isolated neurons.

David Earnest (Univ. Rochester Medical Center): Establishment, characterization, and subcloning of immortalized cell lines derived from the rat suprachiasmatic nucleus.

Jaga Giebultowicz (U.S. Dept. Agriculture): Circadian pacemaker in insect testis controls release and maturation of sperm.

Dennis Liu (Univ. Washington): Mutations affecting periodic behavior in *C. elegans*.

August 11

Till Roenneberg (Univ. Munich): Living with two clocks.

Daniel Janik (Univ. Toronto): Mechanisms of non-hotic phase shifting.

Charles Czeisler (Brigham and Women's Hospital): Mechanisms of entrainment of the human circadian pacemaker.

Ras Silver (Barnard College): What do suprachiasmatic nucleus grafts really do?

G. Robert Lynch (Univ. Colorado): The suprachiasmatic nucleus *in vitro*, melatonin, and seasonal behavior in the Djungarian hamster.

August 12

Phyllis Wise (Univ. Kentucky College of Medicine): Digital imaging of cellular behavior in the suprachiasmatic nucleus.

Michael Hastings (Univ. Cambridge): Functional domains of the suprachiasmatic nucleus.

Rudger Hadeland (Univ. Gottingen): Photoperiodism at the cellular level: rhythms and effects of indoleamines in *Gonyaulax polyedra*.

Theresa Lee (Univ. Michigan): Communication of photorefractoriness from mother to pups.

August 13

H. Craig Heller (Stanford Univ.): Circadian rhythmicity in hibernating ground squirrels.

Menno Gerkema (Univ. Groninge): Synchronization of ultradian activity rhythms in common voles: the role of environmental temperature.

Martin Zatz (Natl. Inst. Mental Health): Thermal effects on melatonin rhythms in chick pineal cells.