

Abstract Information

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| Address : | Biozentrum, University of Basel, Spitalstrasse 41, Ch-4056 Basel |
| Participation : | symposium |
| Title of the Symposium : | Brain circuits for motor and social Behaviors |
| Category : | Academic/Researcher |
| Thematic Area : | Neuroanatomy, Structural, and Functional Connectomics |
| Title : | Generating movements with brainstem circuits |
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Abstract :

Movement is the behavioral output of the nervous system. This talk will focus on recent work elucidating the organization and function of neuronal circuits central to the regulation of distinct forms of body movements, with a focus on skilled forelimb movements. It will show that dedicated circuit modules in different regions of the brainstem and their interactions within the motor system play key roles in the generation of diverse movements encompassing the overall behavior.

Keywords: Motor behavior, brainstem, neuronal circuits