

IGSN - SYMPOSIUM

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From Bench to Bedside: Advances in Understanding Chronic Pain

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Brain markers of pain: an integrated approach

In this talk, I will provide an introductory perspective on the need for psychosocially informed brain markers of pain. I will argue that symptoms alone are insufficient to guide effective treatment selection and that progress in pain medicine requires identifying and quantifying sensitive and specific pathophysiological mechanisms in each patient. Brain markers can contribute to this goal by offering objective measures that bridge biological and psychosocial dimensions of pain. Such advances could enable personalized treatment decisions based on evidence and help reduce patient suffering. Finally, I will discuss how different types of treatments modulate brain markers of pain and what these reveals about underlying mechanisms of recovery.

Host:

LIONEL BUTRY

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