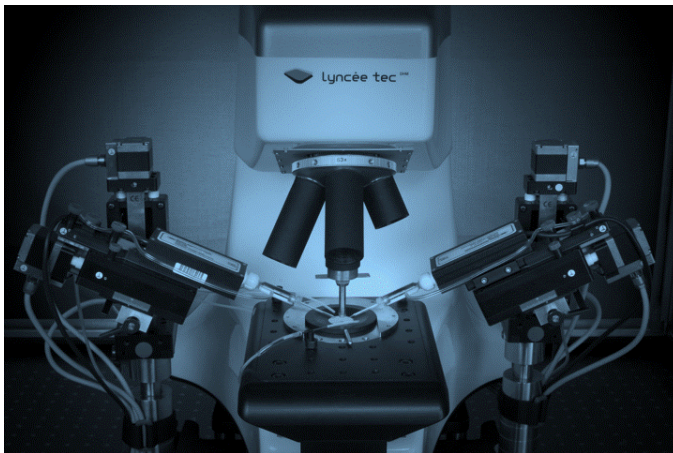




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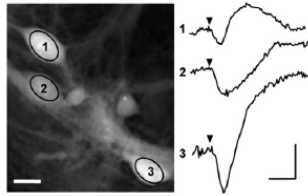
Dr Pascal Jourdain

**Center for Psychiatric
Neuroscience, CHUV
university hospital, Cery,
Switzerland**

*"I am proud to be one of the
first owners of a DHM[®].
The innovative data we
generate with our
microscope trigger major
contributions to Optical
electrophysiology."*

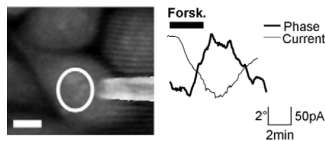
A new scientific field born with DHM[®]: "OPTICAL electrophysiology"

Dr Jourdain has produced seminal publications with his *Old Faithful* DHM[®]:



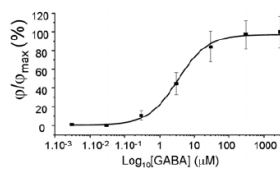
Optical patch clamp demonstrated by measuring the activity of glutamatergic neurons without an electrode

[Jourdain et al. J Neurosci](#)



CFTR receptor activity monitoring by directly measuring transmembrane water fluxes

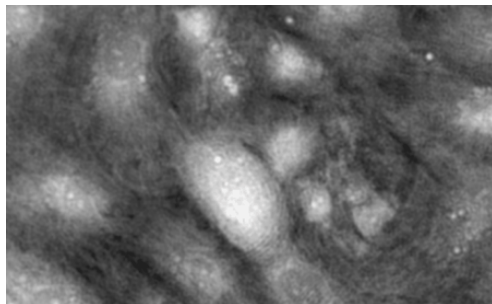
[Jourdain et al. JCS](#)



Chloride current measurements, without fluorescence markers or patch clamp electrodes

[Jourdain et al. PloS One](#)

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