Night science: the creative side of the scientific process

In this talk we will ask 'Where do ideas come from?'. What we call the scientific method tells us what to do once we have a hypothesis – that's 'day science' as Francois Jacob called it. But where do ideas and hypotheses come from in the first place? Jacob famously called this part the realm of 'night science' and I will describe how – together with Martin Lercher – we developed a course to teach aspects of the 'Creative Scientific Process', including generating hypotheses using improvisational discussions, interdisciplinarity, metaphorical language, questions from contradictions, puzzle-switching, and a general approach of openness to new ideas.



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ニューヨーク大、生化学分野、 分子薬理学分野教授、 応用生物情報学ラボラトリ教授。 Night Science Podcastで 科学の創造性の源について 探索する活動を行う

研究のアイディア、仮説、創造性の源とは? "ナイトサイエンス"について考える

Starts from

19th February オンサイト&Zoomの ハイブリッド開催 是非現地におこしください!

Wednesday 10:30 AM JST

Venue

大阪大学微生物病研究所 谷口記念講堂 (大阪大学吹田キャンパス、 大阪府吹田市山田丘3番1号) Zoomでの参加も 歓迎します



Zoom URL: https://zoom.us/j/99275058072?pwd= DbgZpcPhxeRFmDPTZrSPazGVCAA6ba.1 Meeting id: 992 7505 8072 Passcode: 025334

More information

https://oubic.biken.osaka-u.ac.jp

