

# Real-Time Molecular Patterns to support Intraoperative Decision-Making

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Propositions accompanying the dissertation

# Real-time molecular patterns to support intraoperative decision-making

by Pierre-Maxence Vaysse, October 28<sup>th</sup> 2020

1. A cell is the basic unit of life and one tumour cell does not imply clinical manifestations of cancer. *this thesis*
2. Bringing the biological sample and the analysis closer together makes results more reliable. *this thesis*
3. The benefit of a technology resides beyond the comparison to a gold standard. *this thesis*
4. Rare cancers may benefit from the translational findings of metabolic phenotyping. *this thesis*
5. Intraoperative diagnostics is an attention grabbing application of technology-based research fields. *this thesis, valorisation*
6. Nothing is lost, nothing is created, everything is transformed.  
*Antoine Lavoisier*
7. It says we do not know the balance between innovation and replication.  
*Elizabeth Levy Paluck*
8. If I succeed in this mission, I will be very happy to join the clogmaker and the blacksmith on local village fairs, to demonstrate the suturing and cutting skills that once belonged to a very high esteemed profession.  
*Nicole D. Bouvy*
9. The green reed, which bends in the wind, is stronger than the mighty oak, which breaks in a storm.  
*Confucius*