

## **Laser capture microdissection of formaline fixed paraffin embedded tissue for proteome analysis**

- LCM:  $\pm$  5,000 trophoblast/stroma cells in 15 uL Tissue Liquid Buffer TM  
*Protocol Expression Pathology (<http://www.expressionpathology.com/>)*
- 90 min 95°C in Tissue Liquid Buffer
- Sonification 1 min (cuphorn sonifyer/Brandsorn)
- Enzymatically digested (O/N 37°C)
- Reduction (DTT) 1uL , 5 min 95°C (centrifugation)
- Ready for MS (12 uL), per injection 1500 cells

Theo Luider, Erasmus ErasmusMC, Rotterdam, The Netherlands, March 2010.