

# Roll-to-roll Biofluidics

EuroNanoForum 2017, Valletta (Malta)

Martin Smolka



# Motivation

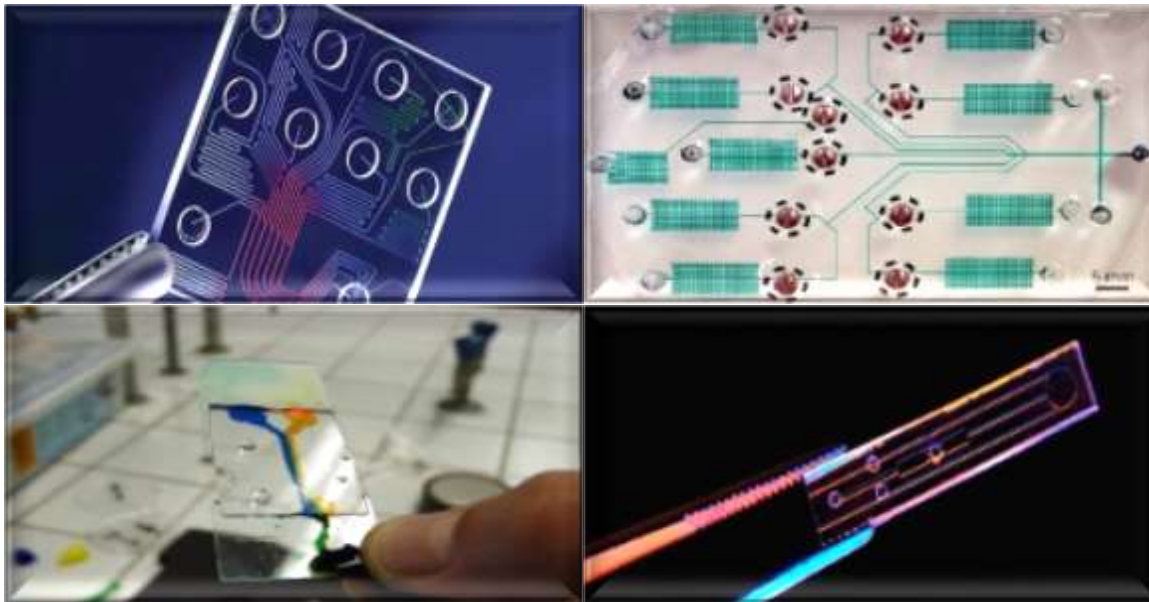
Medical therapies need to be optimised to the **individual patients demand ...**

... but **diagnostic quick tests** allowing fast decisions are **often not available.**



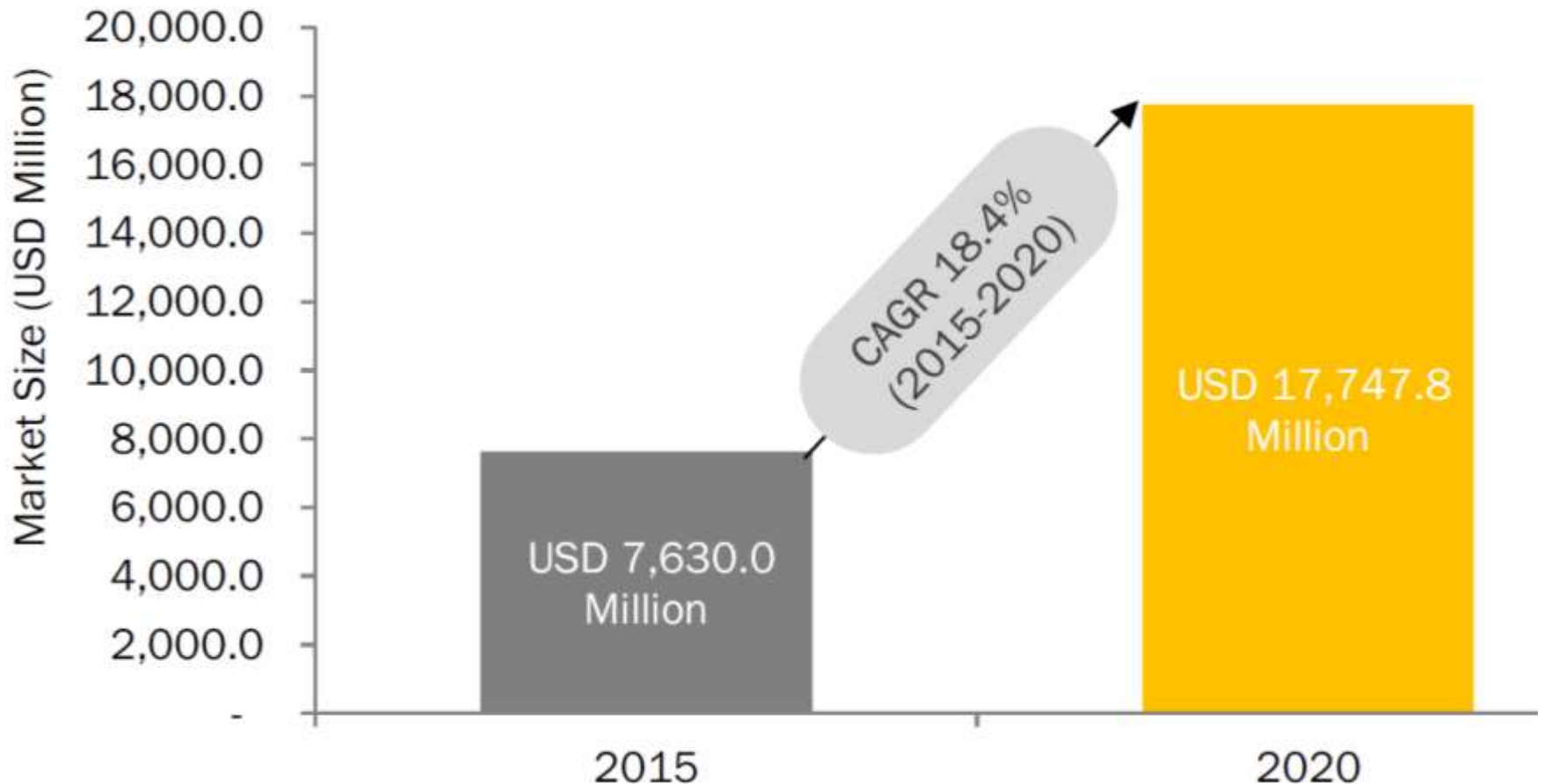
# Motivation

**Biosensor Chips** promise fast detection of pathogens for **personalised healthcare**.



... but **unit costs are high**, production throughput low.

# Biosensor Chip Market Trends\*



**Strong growth** of Biosensor Chip Market predicted.

\*MarketsandMarkets: BIOCHIPS MARKET - FORECAST TO 2020

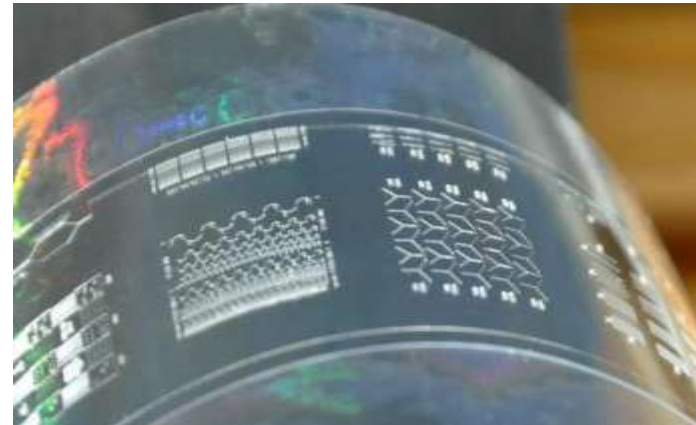
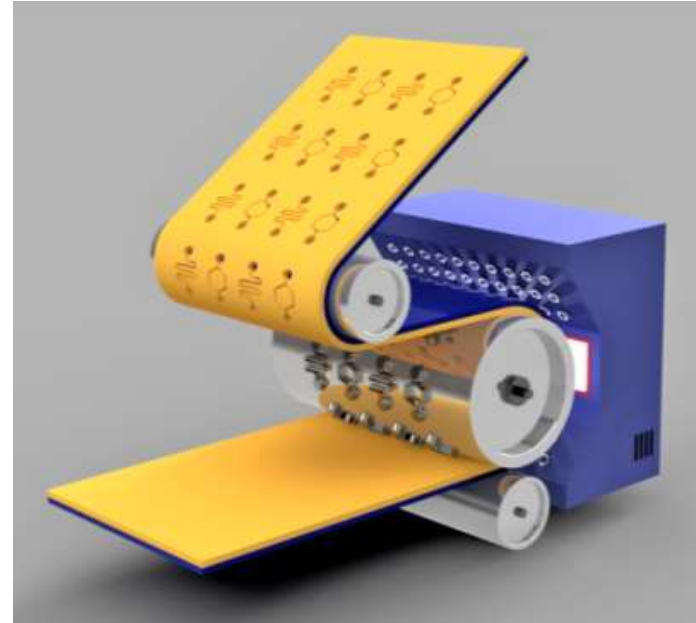
# Roll-to-roll (R2R) production of Biosensor Chips

Our offer **to healthcare industry:**

- High throughput technology for Biosensor Chips
- Enabling low unit costs

Got interested in ...

- **early adoption of a high potential technology?**
- ... in fast growing market?



# The Biosensor Team



Martin  
Smolka



Anja  
Haase



Nikolaus  
Ladenhauf

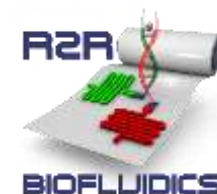


Max  
Sonnleitner





# Contact information



Martin  
Smolka

[martin.smolka@joanneum.at](mailto:martin.smolka@joanneum.at)



Nikolaus  
Ladenhauf

[nikolaus.ladenhauf@bionanonet.at](mailto:nikolaus.ladenhauf@bionanonet.at)

Visit us at **booth 17** (at the roll-to-roll roll-up)

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