



## **Need for integrated technical innovation to achieve individualized medicine**

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APV

Find more information:  
[www.apv-mainz.de](http://www.apv-mainz.de)

How to make patient individualized products happen?



4



1



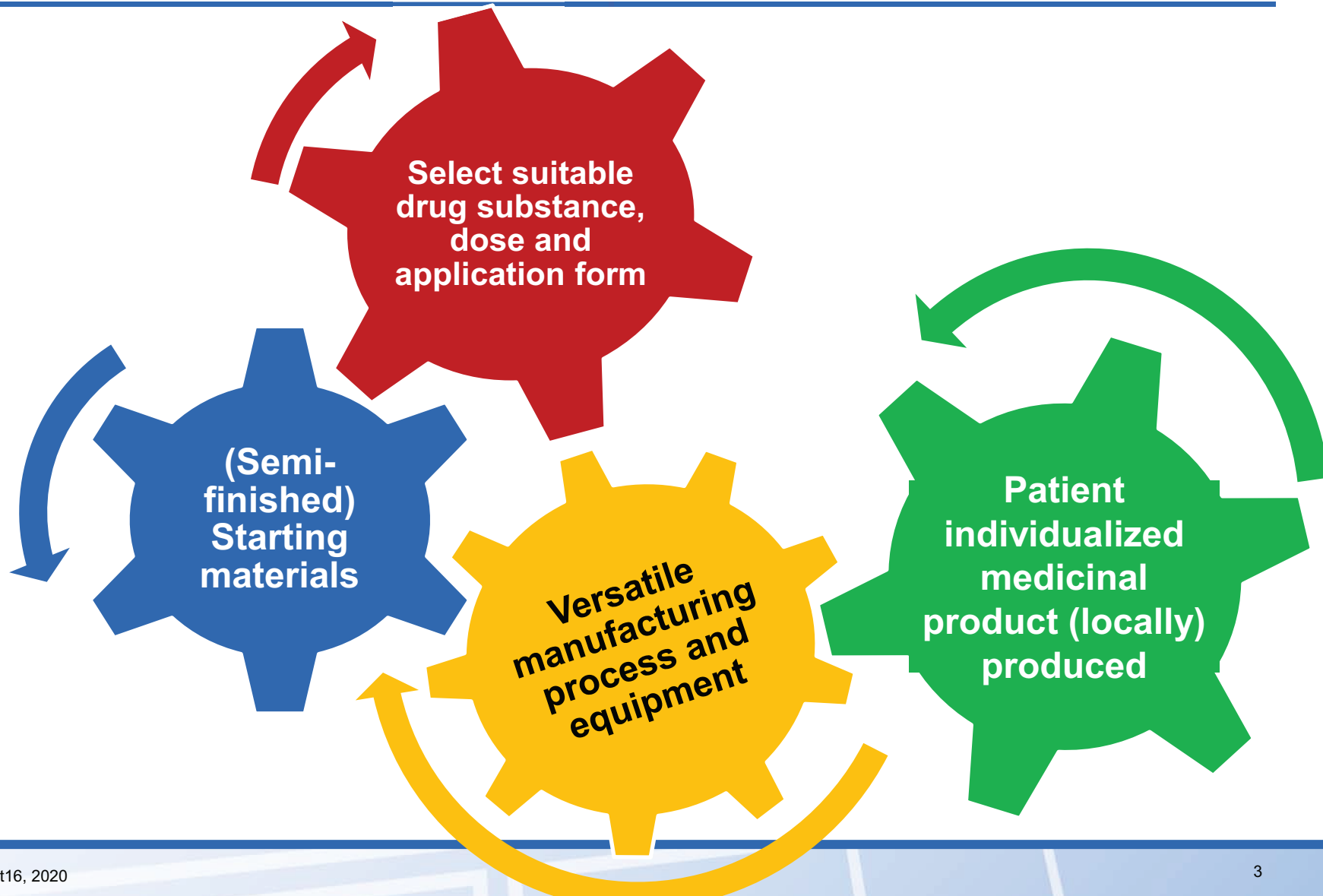
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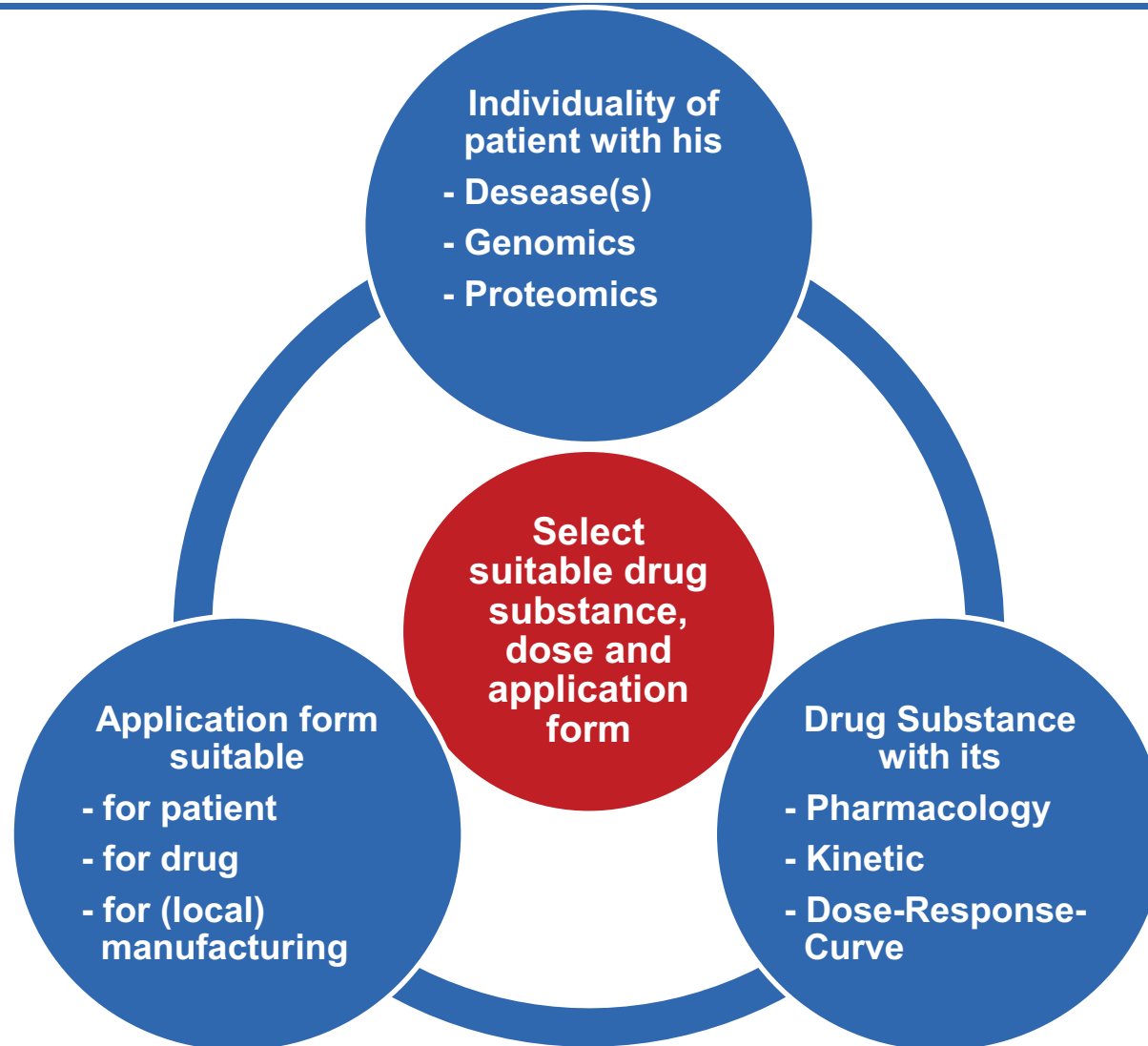
3

Individualized  
medicine of  
the future

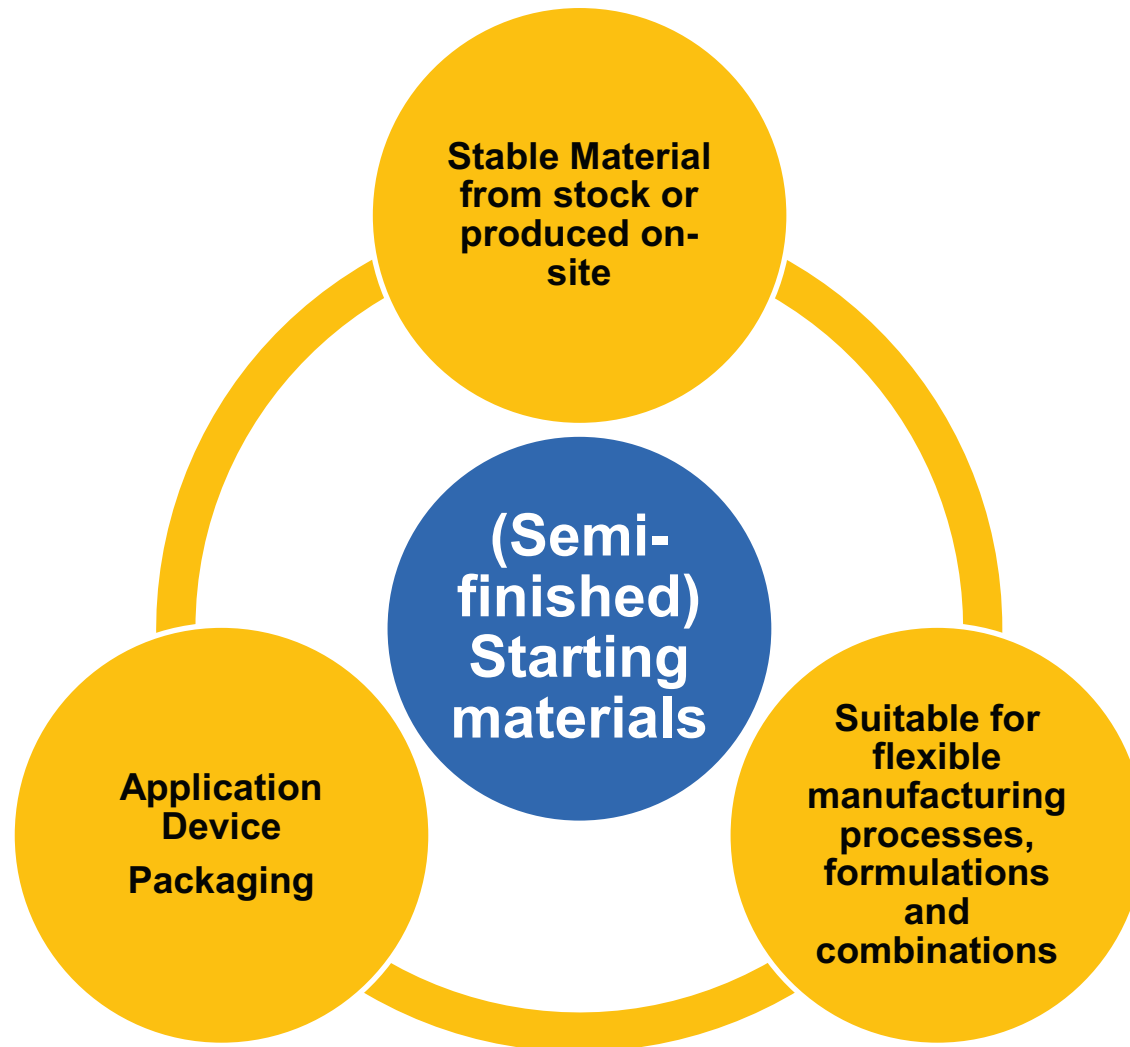
## Integrated technical innovation to achieve individualized medicine



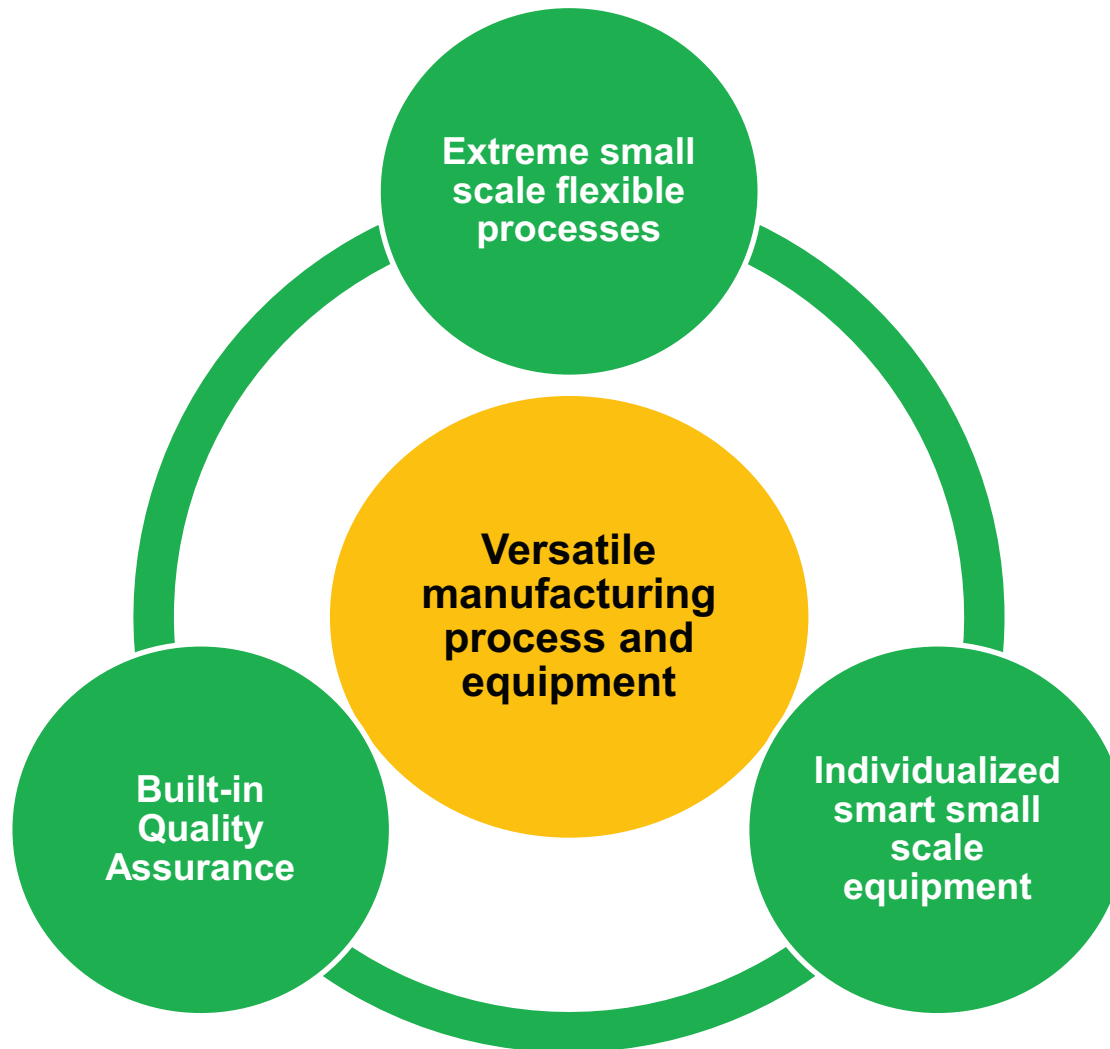
# Integrated technical innovation to achieve individualized medicine



## Integrated technical innovation to achieve individualized medicine



## **Integrated technical innovation to achieve individualized medicine**





# Integrated technical innovation to achieve individualized medicine



1

Stable  
Drug  
Stock  
Solutions



2

Dose  
Combine  
Mix  
*(better by an  
automated  
system 😊)*

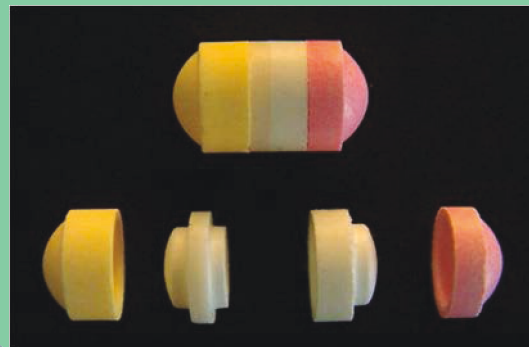


3

Patient  
Individual  
Solution to  
Drink or  
Inhale

Patient  
individualized  
medicinal  
product  
(locally)  
produced

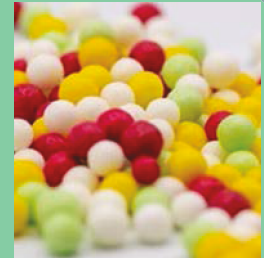
Individual Tablet  
Building Blocks



4



5



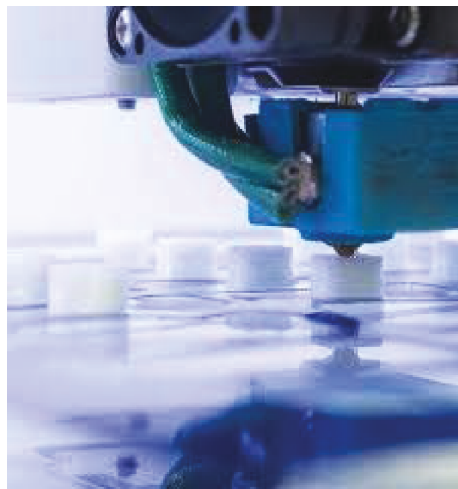
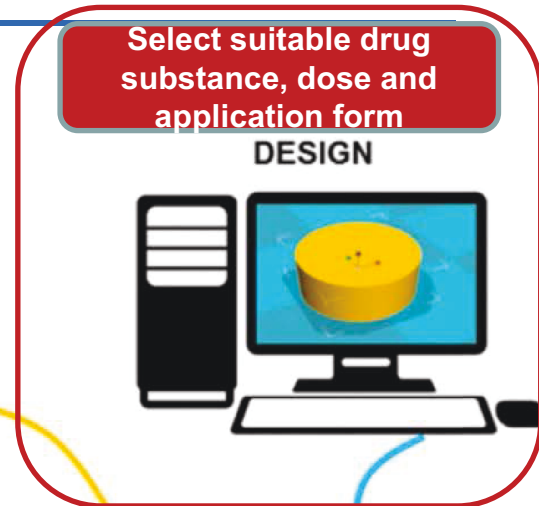
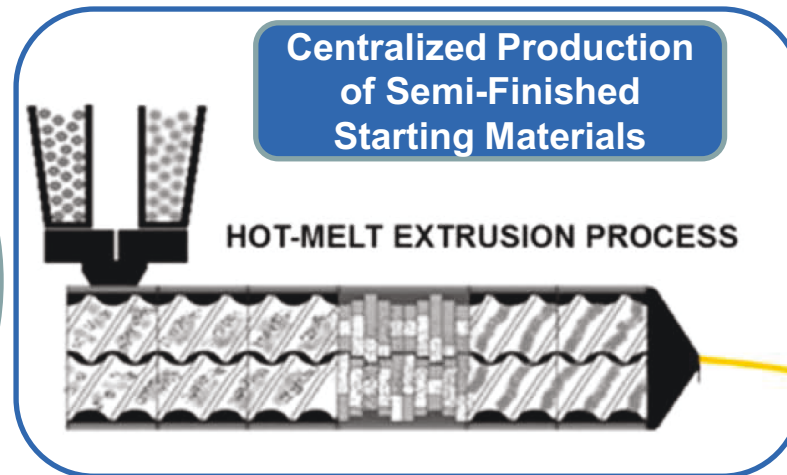
6

Stable Pellets (with  
Timed Release) from  
Stock Dosed (and  
Combined) into Patient  
Individual Capsules  
*(best by an automated system)*



# Integrated technical innovation to achieve individualized medicine

**Patient  
individualized  
medicinal  
product  
(locally)  
produced**



**PRINTING  
DOSAGE FROM  
AS DESIGNED**





# Integrated technical innovation to achieve individualized medicine

