



# Health Partnering Day 2016

## 7 July 2016, Brussels



Health-related topics: ICT,  
SSH, Food Security



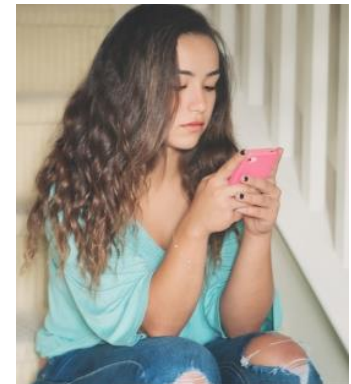
# Diagnosis and Prevention of Anxiety and Depression for Teenagers

## Prof. Dr. Emmanuel Gardiola

### Cologne Game Lab TH-Koln

# Project idea/ Company expertise

- **Cologne Game Lab**, Institute of the Applied Science University of Cologne (TH-Koln), Germany
  - Games with real life impact in educational and psychological fields (EduApp4Syria)
  - Dr Emmanuel Guardiola: game design methodology to generate psychological profile of the player
- A health and educational issue:
  - Up to 15% of European teenagers face a severe depression\* between 12 and 17 years of age
  - 70% of these adolescents, in majority girls, are not diagnosed nor do they receive proper care\*
- Goal: Create a game to diagnose and prevent depression and anxiety
  - Research, experiments and solutions dedicated to teenagers as target group
  - Based on their game usage on mobile applications.



Fit for Health 2.0 and HEALTH-NCP-NET 2.0 projects are funded by the European Commission

\* Prevalence of adolescent depression in Europe, [European Psychiatry Volume 27, Supplement 1, 2012](#)

# Collaboration

- Cologne game lab role: game design methodology, game development, playtest and tools to profile players behaviors
- Looking for partners and/or joining a current consortium
- Current partners in the elaboration of this idea
  - Dr. Marc Wittmann, Institut für Grenzgebiete der Psychologie und Psychohygiene, Friburg.
  - Matchable, French Company. Tools to analyze player behavior and to adapt content to his profile in real time.
- EU call: Promoting mental health and well-being in the young. First round October 2016





# Contact details

# Thank you!



Cologne Game Lab

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