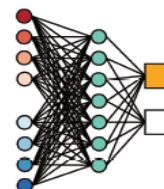
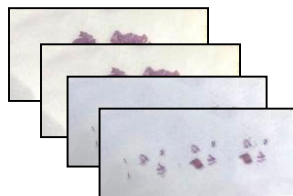

Datachallenge 2020

Detection of Lesions in Cervical Biopsies

2nd Inclusion Center



Guillaume Bataillon
MD – Pathologist, Institut Curie

THE CONTEXT

Biological question

Assist the pathologist

- Diagnosis
- Grading
- Quantification...

Innovation

- Prognosis
- Prediction of response to treatments

Dataset



Quantity



Heterogeneity



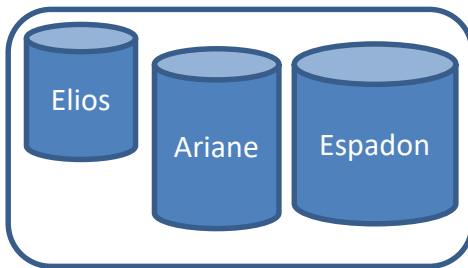
Multiformat

pooled heterogeneous dataset

THE ACTORS



1. Electronic medical systems



>600 Cases balanced classes

Laetitia Chanas
Milder Milder

2. Patient information and consent

Astrid Lang
Frédérique Fontaine

3. Slides retrieval selection



Saida Sahiri
Hélène Guenon

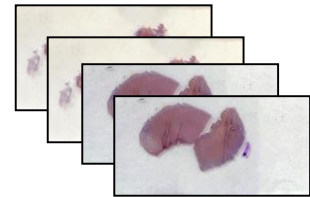
4. Slides digitalization



Matthieu Marguerie

HEALTH
DATA
HUB

5. Upload on HDH server



>600 slides
1,2TB
anonymous



Agathe Delaune

THE RESULT

The final dataset : 4981 slides



THANKS

Pathology team

- Vincent-Salomon Anne
- Beaulaton Clément
- Guenon Hélène
- Sahiri Saida
- Marguery Matthieu
- All the pathologist and the technical team

Data manager

- Chanas Laetitia
- Milder Maud

Legal department

- Lang Astrid
- Fontaine Frédérique

Inserm U900 team/CBIO

- Walter Thomas
- Lazard Tristan



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