

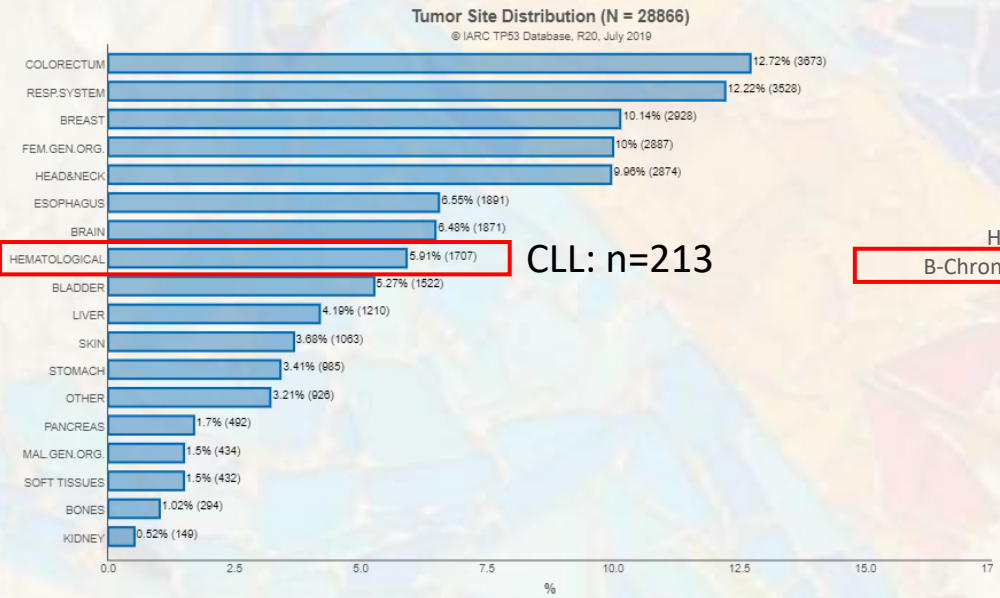
Database of *TP53* Variants In Chronic Lymphocytic Leukemia

50th General Assembly of ERIC Members
Wednesday, 9th of June, 2021

BACKGROUND

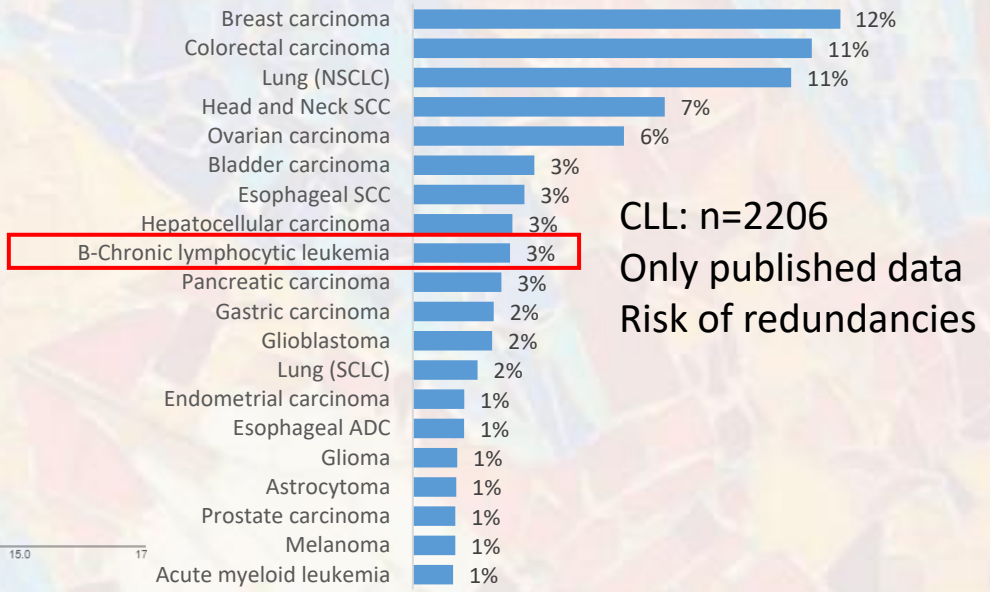
- CLL is the first malignancy for which testing for the presence of *TP53* defects is fully implemented in the clinics to guide treatment decision-making.

IARC TP53 database R20 (<https://p53.iarc.fr/>)
n=28866 somatic variants



CLL: n=213

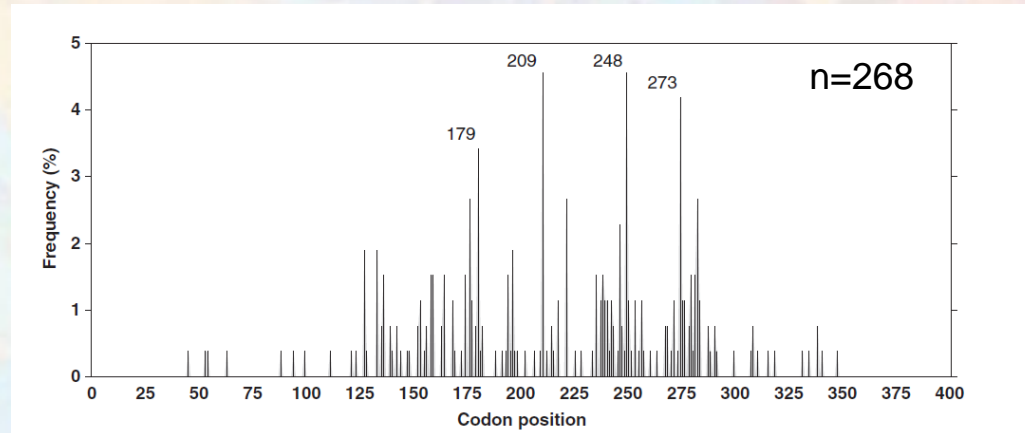
UMD TP53 database (<http://p53.fr/>)
n=79198 somatic variants



CLL: n=2206
Only published data
Risk of redundancies

PROJECT AIMS

- To collect a list of *TP53* variants obtained during routine *TP53* screening in CLL
- To create a publicly accessible CLL-specific database of curated *TP53* variants
- Analyze the disease-specific variant profile (update Zenz et al., Leukemia 2010)

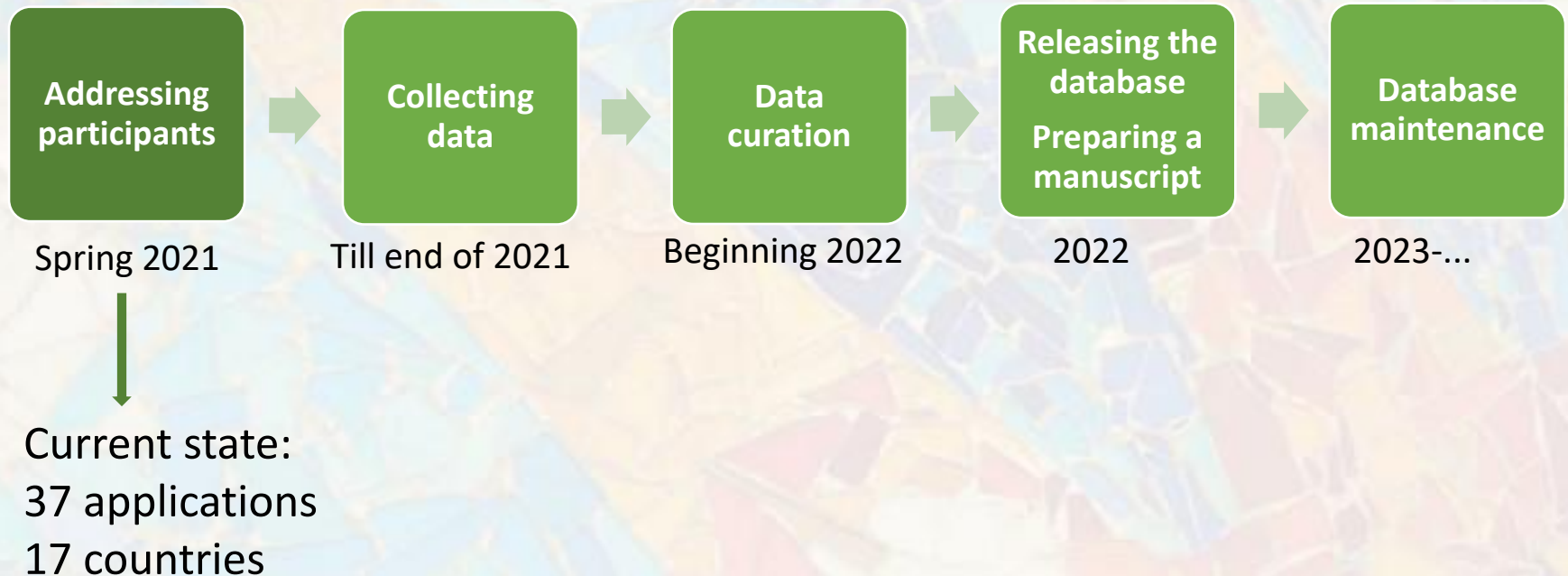


- **Help diagnosticians to assess the clinical impact of detected variants**

REQUIRED DATA

- Data on *TP53* variants (variant description, VAF...)
 - All detected variants irrespective of their functional impact
 - Except for the most common polymorphisms
- Brief method description (sample type, sequencing method...)
- Basic clinical data (diagnosis and treatment data)
 - Not obligatory but highly welcomed
 - In centers involved in ERIC CLL database – data will be linked based on patient ID

PROJECT WORKFLOW



REQUIREMENTS FOR PARTICIPATION

- All ERIC members are welcomed to join
- ERIC *TP53* certification required

HOW TO APPLY:

1) Via application questionnaire (ERIC members received an email with the link):
<https://barcelo.eventsair.com/eric-members-database/database-of-tp53-variants-in-ctl/Site/Register>

2) Contact ERIC office or malcikova.jitka@fnbrno.cz

Project description: <http://www.ericll.org/projects/>

ORGANIZING CENTERS



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