

# GÁBOR BARNA

BIOLOGIST, SENIOR RESEARCHER, MALE

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## PROJECT ACTIVITIES AND RESPONSIBILITIES

Gábor Barna will manage and analyse the results of CLL MRD measurements by flow cytometry. He will be responsible for sample preparations for flow cytometry, for flow cytometric measurements and analyses of data.

## RELEVANT EXPERIENCE

He is an expert in flow cytometry. He leads the hematological flow cytometric laboratory in the 1st Department of Pathology and Experimental Cancer Research, Semmelweis University for 17 years. He is an expert in analyses of flow cytometric data with several software and investigate chronic lymphocytic leukemia immunophenotype for several years.

## CAREER HISTORY

Please ensure that your current job position is mentioned first in the table below.

## EXPERIENCE

2016-

**SENIOR RESEARCH FELLOW, SEMMELWEIS UNIVERSITY, 1ST DEPARTMENT OF PATHOLOGY**

leader of flow cytometry laboratory, leukemia/lymphoma immunophenotyping

2007-2016

**RESEARCH FELLOW, SEMMELWEIS UNIVERSITY, 1ST DEPARTMENT OF PATHOLOGY**

leader of flow cytometry laboratory, leukemia/lymphoma immunophenotyping

2003-2007

**BIOLOGIST, SEMMELWEIS UNIVERSITY, 1ST DEPARTMENT OF PATHOLOGY**

leader of flow cytometry laboratory, leukemia/lymphoma immunophenotyping

## EDUCATION AND QUALIFICATIONS

2006

**PHD, SEMMELWEIS UNIVERSITY BUDAPEST, PHD SCHOOL**

1999

**BIOLOGIST, MOLECULAR BIOLOGIST, EÖTVÖS LÓRÁND UNIVERSITY**

## ADDITIONAL SKILLS

- computer skills: Microsoft office, statistical softwares (SPSS, Statistica)

Flow cytometric softwares: Infinicyt, Kaluza, Cell Quest, FACSCComp, Modfit, FACSSuite

## PUBLICATIONS

- COVID-19 severity and mortality in patients with chronic lymphocytic leukemia: a joint study by ERIC, the European Research Initiative on CLL, and CLL Campus. Scarfò L et al. Leukemia. 2020 Sep;34(9):2354-2363.
- In contrast to high CD49d, low CXCR4 expression indicates the dependency of chronic lymphocytic leukemia (CLL) cells on the microenvironment. Kriston C et al. Ann Hematol. 2018 Nov;97(11):2145-2152.
- The Effect of CD86 Expression on the Proliferation and the Survival of CLL cells. Takács F et al. Pathol Oncol Res. 2019 Apr;25(2):647-652.
- Low CD23 expression correlates with high CD38 expression and the presence of trisomy 12 in CLL. Kriston C et al. Hematol Oncol. 2017 Mar;35(1):58-63.
- ROR1 expression is not a unique marker of CLL. Barna G et al. Hematol Oncol. 2011 Mar;29(1):17-21.
- The cut-off levels of CD23 expression in the differential diagnosis of MCL and CLL. Barna G et al. Hematol Oncol. 2008 Sep;26(3):167-70.

## AWARDS AND KEY ACHIEVEMENTS

- 2001 PhD conference special price
- 2002 Marie Curie fellowship
- 2011 price of the president of the University
- 2014 Accreditation of MRD measurement in B-cell ALL
- 2018 Directing the 1<sup>st</sup> Hungarian Flow cytometric Day
- 2019 Directing the 2<sup>nd</sup> Hungarian Flow cytometric Day

## MEMBERSHIPS AND SOCIETIES

ISAC and ESSCA membership