

## PERSONAL INFORMATION

## Cristian Andrei Gal



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 k.gal@hotmail.com

Sex Male | Date of birth 18/06/1995 | Nationality Hungarian, Romanian

## POSITION

## PhD Student

## WORK EXPERIENCE

11/2016–Present

## Chemist

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering

☞ -Project NEMSyB, ID P37\_273, Cod MySMIS 103413 [funded by the Romanian Ministry for European Funds], through the National Authority for Scientific Research and Innovation (ANCSI) and co-funded by the European Regional Development Fund, Competitiveness Operational Program 2014-2020 (POC)

2013–Present

## Student

Universitatea Babeş-Bolyai, Facultatea de Chimie și Inginerie Chimică, Cluj-Napoca (Romania)

2015–2018

## Student senator

Babeş-Bolyai University

2014–2015

## Student representative in Faculty of Chemistry and Chemical Engineering Comission

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering  
Arany János str., 11, Cluj-Napoca (Romania)

## EDUCATION AND TRAINING

10/2018–Present

## PhD in chemistry

Babeş-Bolyai University, Cluj-Napoca (Romania)

2016–2018

## Chemist / MSc

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca (Romania)

- Specialisation: Modern synthesis techniques in chemistry

2013–2016

## Chemist / BSc

Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca (Romania)

- Specialisation: Chemistry

2009–2013

## High School Graduation exam

High School Csiky Gergely, Arad (Romania)  
- Profile mathematics-informatics (intensive english)

## PERSONAL SKILLS

Mother tongue(s) Hungarian

### Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Romanian	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills - very good communication ability

Organisational / managerial skills - my leadership abilities were trained in Babeş-Bolyai University's Senate and in Faculty's Commission

Job-related skills - in my BSc and MSc work I learned to work with instruments and modern techniques in the field of organic chemistry/biocatalysis

### Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Driving licence AM, B1, B

## ADDITIONAL INFORMATION

**Publications** 1. M. E. Moisa, L. Poppe, **C. A. Gal**, L. C. Bencze, F. Irimie, C. Paizs, F. Peter, M. I. Tosa, Reaction Chemistry & Engineering, 2018, 3, pp 790-798, DOI: 10.1039/c8re00091c

2. E. Farkas, M. Oláh, A. Földi, J. Kóti, J. Éles, J. Nagy, **C. A. Gal**, C. Paizs, G. Hornyánszky, L. Poppe, Organic Letters, 2018, 20 (24), pp 8052–8056, DOI: 10.1021/acs.orglett.8b03676

### Conferences

1. Gal Cristian Andrei  
A Z-mátrix és szimmetria alkalmazása a kvantumkémiai modellezésben; esettanulmány al XX.-lea Conferință Internațională de Chimiești , 2014. noiembrie 6-8, Cluj-Napoca, România;

#### 2015

2. Gal Cristian Andrei  
A Z-mátrix és szimmetria alkalmazása a kvantumkémiai modellezésben: dinikkel-diciklopentadienil XVIII. reál- és humántudományi Erdélyi Tudományos Diákköri Konferencia, 2015. mai 21-24, Cluj-Napoca, România;

#### 2016

3. Bartha-Vári J. H., Nagy E. Z., Gal C. A., Bencze L. C., Toşa M. I., Irimie F. D., Abaházi E., Poppe L., Paizs C.

CaL-B Immobilized on Single Walled Carbon Nanotubes as Efficient Biocatalyst for the Kinetic Resolution of 1-(Hetero)aryl -Ethanol

COST Action CM1303 "Systems Biocatalysis: New Enzymes, New Pathways, New Products" Training School 2016, Sienna, Italy;

4. Gal Cristian Andrei

A CaL-B lipáz nanorészecskére való rögzítése valamint alkalmazása, optikailag tiszta aril, heteroaril szekunder alkoholok előállítására

XIX. reál- és humántudományi Erdélyi Tudományos Diákköri Konferencia 2016. máj 19-22, Cluj-Napoca, Románia;

#### 2017

5. Gal Cristian Andrei

XXXIII. OTDK, Miskolc, Hungary

### Honours and awards

#### 2015

1. Certificate award, at XVIII. reál- és humántudományi Erdélyi Tudományos Diákköri Konferencián (2015. május 21-24), Kolozsvár, Románia

#### 2016

2. II Prize, at XIX. reál- és humántudományi Erdélyi Tudományos Diákköri Konferencián (2016. május 19-22), Kolozsvár, Románia

#### 2018

3. Certificate Award for, *Covalently immobilized Cal-B lipase on single walled carbon nanotube as a useful biocatalyst for the kinetic resolution of various secondary alcohols in batch and in continuous flow modes*, on XV<sup>th</sup> International Conference 'Students for Students', (18-22 of April, 2018), Cluj-Napoca Romania

4. I Prize, at XXI. reál- és humántudományi Erdélyi Tudományos Diákköri Konferencián (2018. május 24-27), Kolozsvár, Románia

5. II Prize at XXIV<sup>th</sup> Nemzetközi Vegyészkonferencia, Szovátafürdő, Románia

### Scholarships

- 2015-2016 winner of scholarship offered by: Balassi Intézet, Márton Áron Szakkollégium Tehetséggondozó program, Hungary

- 2016-2017 winner of scholarship offered by: Külgazdasági és Külügyminisztérium Márton Áron Tehetséggondozó Ösztöndíj, magiszteri szint, Hungary

- 2017-2018 winner of scholarship offered by: ELTE Márton Áron Szakkollégiumi Ösztöndíj, Hungary

- 2017-2018 winner of scholarship offered by: Babeş-Bolyai University, Special Scholarship for Academic Performance, Romania

- 2018-2019 winner of scholarship offered by: Sapientia Hungariae Alapítvány, Collegium Talentum, Hungary

### Memberships

Biocatalysis and Biotransformation Research Center, Babeş-Bolyai University, Cluj-Napoca, Romania