



# Ana-Maria Madalina Pantazica

**Nationality:** Romanian **Date of birth:** 03/02/1996 **Gender:** Female

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**Address:** Bucharest (Romania)

## WORK EXPERIENCE

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### Scientific Researcher

*Institute of Biochemistry of the Romanian Academy* [ 01/04/2023 – Current ]

**City:** Bucharest

**Country:** Romania

### Research assistant

*Institute of Biochemistry of the Romanian Academy* [ 22/07/2019 – 01/04/2023 ]

**City:** Bucharest

**Country:** Romania

### Editor (Freelance)

*Cactus Global Communications* [ 11/04/2019 – Current ]

**City:** Mumbai

**Country:** India

### Research assistant

*Fundeni Clinical Institute - Center of Excellence in Translational Medicine* [ 23/05/2018 – 21/07/2019 ]

**City:** Bucharest

**Country:** Romania

## EDUCATION AND TRAINING

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### PhD in Biology

*Institute of Biochemistry of the Romanian Academy* [ 01/11/2019 – Current ]

**Address:** Bucharest (Romania)

### Masters in Biochemistry and Molecular Biology

*Faculty of Biology, University of Bucharest* [ 01/10/2017 – 20/06/2019 ]

**Address:** Bucharest (Romania)

### Bachelors in Biochemistry

*Faculty of Chemistry, University of Bucharest* [ 01/10/2014 – 20/06/2017 ]

**Address:** Bucharest (Romania)

## LANGUAGE SKILLS

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Mother tongue(s): **Romanian**

Other language(s):

### English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

### Spanish

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

### Korean

LISTENING B1 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

## DIGITAL SKILLS

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### My Digital Skills

Microsoft Office / Social Media / Zoom / HTML / CSS / JavaScript

## PUBLICATIONS

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Pantazica, A.-M., van Eerde, A., Dobrica, M.-O., Caras, I., Ionescu, I., Costache, A., Tucureanu, C., Steen, H., Lazar, C., Haldal, I., Haugslie, S., Onu, A., Stavaru, C., Branza-Nichita, N. and Liu Clarke, **The “humanized” N-glycosylation pathway in CRISPR/Cas9-edited *Nicotiana benthamiana* significantly enhances the immunogenicity of a S/preS1 Hepatitis B Virus antigen and the virus-neutralizing antibody response in vaccinated mice**, *J.Plant Biotechnol* 2023, IF 13.263

Pantazica A-M, Dobrica M-O, Lazar C, Scurtu C, Tucureanu C, Caras I, Ionescu I, Costache A, Onu A, Clarke JL, Stavaru C and Branza-Nichita N, **Efficient cellular and humoral immune response and production of virus-neutralizing antibodies by the Hepatitis B Virus S/preS1<sup>16-42</sup> antigen**. *Front. Immunol.*, 2022, 13:941243.

Bucataru IC, Dragomir I, Asandei A, Pantazica A- M, Ghionescu A, Branza-Nichita N, Park Y, Luchian T. **Probing the Hepatitis B Virus E-Antigen with a Nanopore Sensor Based on Collisional Events Analysis**. *Biosensors*. 2022, 12(8): 596, IF 5.743

Popescu, M.-A., Patriche, D., Dobrica, M.-O., Pantazica, A.-M., Flintoaca (Alexandru), P.-R., Rouillé, Y., Popescu, C.-I. and Branza-Nichita, N. **Sac1 phosphatidylinositol 4-phosphate phosphatase is a novel host cell factor regulating hepatitis B virus particles assembly and release**, *FEBS J*, 2022. , 289: 7486-7499, IF 5.622

Pantazica A.-M, Cucos L-M., Stavaru C., Clarke J-L., Branza-Nichita N., **Challenges and Prospects of Plant-Derived Oral Vaccines against Hepatitis B and C Viruses**, *Plants*, 2021, 10(10):2037, IF 4.56

Bunduc S., Varzaru B., Iacob R., Sorop A., Manea I., Constantinescu D., Moise E., Sirbu M., Pantazica A-M., Ghionescu A., Chelaru R., Becheanu G., Dumbrava M., Croitoru A., Dima S., Popescu I., Gheorghe C., **EUS FNA vs. ccfDNA for genetic profiling of borderline and non-resectable pancreatic ductal adenocarcinoma**, *Pancreatology*, 2020, 20(1):S37, IF 3.996