



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6584

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze Cliniche e di Comunità**

Scientist- in - charge: Prof. Jens Geginat

Petra Daďová

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Daďová
Name	Petra

PRESENT OCCUPATION

Appointment	Structure
Researcher	Faculty of Science, Masaryk University, Brno, Czech Republic

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
PhD	Animal physiology, immunology and developmental biology	Masaryk University, Brno, Czech Republic	2024
Master	Biochemistry	Masaryk University, Brno, Czech Republic	2016

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
2022	Czech Society of Allergology and Clinical Immunology	Pilsen, Czech Republic
2019	Czech Society for Analytical Cytometry	Brno, Czech Republic

FOREIGN LANGUAGES

Languages	level of knowledge
English	B2
Czech	Native speaker



TRAINING OR RESEARCH ACTIVITY

05/2021-07/2021: Erasmus+ internship in the lab of Prof. Sven Brandau. Traineeship title: "Modulation of neutrophil-tumor cross-talk by bacterial stimulation".

PROJECT ACTIVITY

Year	Project
01/2023-05/2024	National Institute for Research of Metabolic and Cardiovascular Diseases (Programme EXCELES, ID Project No. LX22NPO5104), Funded by the European Union - Next Generation EU. Member of the research team
2/2019-12/2022	Grant project of the Ministry of Education, Youth and Sports of the Czech Republic, OP VVV, CZ.02.1.01/0.0/0.0/16_025/0007381 - Preclinical progression of new organic compounds with targeted biological activity (Preclinprogress). PhD student

PATENTS

Utility models
Owner: St. Anne´s University Hospital Brno, Czech Republic. Title: Kit for determining the specific influence of the activity of adenylate cyclase isoforms. Authors: Lukáš KUBALA, Petra DAŘOVÁ, Kamil PARUCH, Jakub ŠVENDA. Utility model CZ 33151 U1, 27.8.2019.
Owner: St. Anne´s University Hospital Brno, Czech Republic. Title: Kit for determining the specific influence of adenylate cyclase isoform activity using HEK293 cell membrane fractions. Authors: Lukáš KUBALA, Petra DAŘOVÁ, Kamil PARUCH, Jakub ŠVENDA. Utility model CZ 33391 U1, 19.11.2019.

CONGRESSES AND SEMINARS

Date	Title	Place
10/2023	Keystone Symposia: T and B cell collaboration in germinal centers and Beyond (poster)	Whistler, BC, Canada
09/2023	12th International Conference Analytical Cytometry (oral presentation)	Prague, Czech Republic
03/2021	Keystone Symposia: Single Cell Biology (ePoster)	online
10/2021	XXXVII. Congress of Czech and Slovak allergists and clinical immunologists (oral presentation)	online
10/2021	11th International Conference Analytical Cytometry (poster)	Ostrava, Czech Republic
09/2019	10th International Conference Analytical Cytometry (poster)	Seč-Ústupy, Czech Republic
06/2018	13th EFISEJI Tatra Immunology Conference	Štrbské pleso, Slovakia



PUBLICATIONS

<p>DADOVÁ Petra, Antónia MIKULOVÁ, Radim JAROUŠEK, Stjepan ULDRIJAN, Lukáš KUBALA. <i>A forskolin-mediated increase in cAMP promotes T helper cell differentiation into the Th1 and Th2 subsets rather than into the Th17 subset.</i> International Immunopharmacology, Elsevier B.V., Vol. 125, Part B, 2023, 111166, ISSN 1567-5769, https://doi.org/10.1016/j.intimp.2023.111166.</p>
<p>SZCZEPANIK, Pawel Marcin, Andrey MIKHAYLOV, Ondřej HYLSE, Roman KUČERA, Petra DADOVÁ, Marek NEČAS, Lukáš KUBALA, Kamil PARUCH and Jakub ŠVENDA. <i>Convergent Assembly of the Tricyclic Labdane Core Enables Synthesis of Diverse Forskolin-like Molecules.</i> Angewandte Chemie International Edition. Wiley, 2023, vol. 62, No 1, p. 1-7. ISSN 1433-7851. doi:10.1002/anie.202213183.</p>
<p>JAROUŠEK, Radim, Antónia MIKULOVÁ, Petra DADOVÁ, Petr TAUŠ, Terézia KU-RUCOVÁ, Karla PLEVOVÁ, Boris TICHÝ and Lukáš KUBALA. <i>Single-cell RNA sequencing analysis of T helper cell differentiation and heterogeneity.</i> Biochimica et Biophysica Acta (BBA) - Molecular Cell Research. Elsevier B.V., 2022, vol. 1869, No 10, p. 1-17. ISSN 0167-4889. doi:10.1016/j.bbamcr.2022.119321.</p>
<p>SKOROPLYAS, Svitlana, Ondřej VAŠÍČEK, Michaela CHORVÁTOVÁ, Petra DADOVÁ, Kateřina LEHKÁ and Lukáš KUBALA. <i>Pseurotin D inhibits delayed type IV hypersensitivity response.</i> Chemico-Biological Interactions. Elsevier Ireland Ltd., 2022, vol. 368, December, p. 1-9. ISSN 0009-2797. doi:10.1016/j.cbi.2022.110241.</p>
<p>RUBANOVÁ, Daniela, Petra DADOVÁ, Ondřej VAŠÍČEK and Lukáš KUBALA. <i>Pseurotin D Inhibits the Activation of Human Lymphocytes.</i> International Journal of Molecular Sciences. Basel: MDPI, 2021, vol. 22, No 4, p. 1-14. ISSN 1422-0067. doi:10.3390/ijms22041938.</p>

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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Place and date: Brno, 2.5.2024