

Europass Curriculum Vitae



Abbreviated name of the organization

SZBK

Personal information

First name(s) / Surname(s)

Sándor JENEI

Address(es)

Gáspár Zoltán u. 4/A, H-6723 Szeged, Hungary

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E-mail

jenei.sandor@brc.hu

Nationality

Hungarian

Date of birth

30.04.1966.

Gender

Male

Work experience

Dates

2006 – present

Occupation or position held

Managing expert (Engineer)

Research area

Symbiotic nitrogen fixation, plant genetics and genomics

Name and address of employer

Institute of Plant Biology, Biological Research Centre, Szeged, Hungary

Type of business or sector

Academia

Dates

1986 – 2006

Occupation or position held

Technician

Research area

Symbiotic nitrogen fixation, plant genetics and genomics

Name and address of employer

Institute of Genetics, Biological Research Centre of the Hungarian Academy of Sciences, Szeged, Hungary

Type of business or sector

Academia

Education and training

Dates

From September 2002 to July 2006

Title of qualification awarded

B.Sc.

Principal subjects/occupational skills covered

Agriculture

Name and type of organisation providing education and training

University of Szeged, Szeged, Hungary

Dates

From September 1984 to July 1986

Title of qualification awarded | Technician
 Principal subjects/occupational skills covered | Chemistry
 Name and type of organisation providing education and training | Móra Ferenc Technical Collage, Szeged, Hungary

Personal skills and competences

Mother tongue(s) | **Hungarian**

Other language(s)

Self-assessment
 European level (*)

English

Spanish

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Intermediate user	B2	Intermediate user	B2	Intermediate user	B2	Intermediate user	B1	Intermediate user
A2	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) [Common European Framework of Reference for Languages](#)

Technical skills and competences | Expert in broad range of techniques used in molecular biology, especially PCR, molecular markers and cloning. Specialized in legume plants.

Computer skills and competences | Competent with most Microsoft Offices programmes, and with HTML.

Driving licence | I am a holder of a Hungarian drivers licence. Category B vehicle.

Additional information

Publications:

DHO Howan, **S Jenei**, J Szolomajer, G Endre, É Kondorosi, GK Tóth, (2023) Enhanced Antibacterial Activity of Substituted Derivatives of NCR169C Peptide **International Journal of Molecular Sciences** 24 (3), 2694

S Kovács, E Kiss, **S Jenei**, E Fehér-Juhász, A Kereszt, G Endre, (2022) The *Medicago truncatula* IEF Gene Is Crucial for the Progression of Bacterial Infection During Symbiosis **Molecular Plant-Microbe Interactions** 35 (5), 401-415

RM Lima, BB Rathod, H Tiricz, DHO Howan, MA Al Bouni, **S Jenei**, (2022). Legume plant peptides as sources of novel antimicrobial molecules against human pathogens **Frontiers in Molecular Biosciences** 9, 870460

Quentin Nicoud, Quentin Barrière, Nicolas Busset, Sara Dendene, Dmitrii Travin, Mickaël Bourge, Romain Le Bars, Claire Boulogne, Marie Lacroël, **Sándor Jenei**, Atilla Kereszt, Eva Kondorosi, Emanuele G Biondi, Tatiana Timchenko, Benoît Alunni, Peter Mergaert (2021) Sinorhizobium meliloti Functions Required for Resistance to Antimicrobial NCR Peptides and Bacteroid Differentiation **mbio** 12 (4), 10.1128/mbio. 00895-21

S Jenei, H Tiricz, J Szolomájér, E Tímár, É Klement, MA Al Bouni, (2020). Potent chimeric antimicrobial derivatives of the *Medicago truncatula* NCR247 symbiotic peptide **Frontiers in Microbiology** 11, 270