

CURRICULUM VITAE

Andrea BARTA

2019

Professional address: Max F. Perutz Laboratories,
Medical University of Vienna,
Center of Medical Biochemistry,
Division of Molecular Biology
Dr.-Bohr-Gasse 9/3, A-1030 Wien, Austria
Tel.: +43-1-4277 61640, Fax: +43-1-4277 9616
Email: andrea.barta@meduniwien.ac.at

EDUCATION

1989 Habilitation in Biochemistry at the Medical Faculty,
University of Vienna (Univ.-Dozent)
1979 Doctor of Natural Science (Dr.rer.nat.) in Biochemistry
1976 Masters Degree (Mag.rer.nat.)
1969 – 1974 Study of Biochemistry, University of Vienna, Austria

CAREER HISTORY

2005 – present Faculty, Max F. Perutz Laboratories
1997 – present A.o. Univ.-Professor, Medical University of Vienna
1993 – 2000 Deputy Head, Inst. of Biochemistry, Univ. Vienna
1990 – 1997 Associate Professor
1981 – 1990 Assistant Professor at the Institute of Biochemistry,
Medical Faculty, University of Vienna
1980 – 1981 Post-doctoral fellow at the Medical School of the
University of California San Francisco and Santa Cruz,
1976 – 1980 University Assistant at the Institute of Biochemistry,
Medical Faculty, University of Vienna

CURRENT RESEARCH AREAS

Pre-mRNA Processing in Plants: Regulation of Alternative Splicing, Discovery of AS-transcripts by Hi-RNA-Seq methods; RNA binding proteins, SR (Ser/Arg) proteins; Non-sense mediated decay; Interplay of Alternative Splicing with Transcription, DNA modification, Histone modification, Regulation of Alternative Splicing by light, UV and circadian clock.

AWARDS

2016 Golden Medal for her merits to the County of Vienna
2016 The RNA Society Award for outstanding Service to RNA community
2015 Science Prize 2015, City of Vienna, Austria

2002	UNESCO-L'OREAL Special Honor Award for Women in Science
1989	SANDOZ Prize for Chemistry
1983	Theodor Körner Prize for young investigators
1980	Max Kade post doctoral grant
1976	EMBO Short time fellowship

MEMBERSHIPS HONORS

- Elected Member of the **Austrian Academy of Science (ÖAW, 2008)**
- Elected **EMBO** Member (European Molecular Biology Organisation: **2001**)
- Austrian Society for Biochemistry, Molecular Biology and Biotechnology
 - **2005 – 2007** President
 - **1991 – 1995** Head of Austrian Biochemical Society, Section Vienna
- **The RNA Society**
 - Board of Director (**2008/10**)

FUNDING AGENCIES

2009 – to date: Vice-Chair of the Senate of **Christian Doppler Society CDG**
2004 – to date: Member of the Senate of the **Christian Doppler Society (CDG)**, a funding agency to support translational research (Cooperation of Science and Ministry of Commerce).

2015 - Member of the International Molecular Biology and Biochemistry Review Panel of the **Danish Council for Independent Research | Natural Sciences**

2004 – to date: Scientific advisor of **Bridge Program:** Translational Research Program of the Austrian funding agencies **FFG** and **FWF**

Reviewer of Special Programs of the **DFG** (German National Funding Agency)

EDITORIAL

Reviewing Editor **THE PLANT CELL**
 Editor of **RNA Biology**,
F1000 Member (Faculty of 1000, Plant Biology)

Frequent reviewer for: Plant Cell, Nature, Developmental Cell, Nucleic Acid Research, RNA, The Plant Journal, Plant Physiology, New Phytologist, Genome Research,

CONGRESS ORGANIZATION

2003 Co-organizer of the **International RNA Congress** in Vienna (900 participants)
2007 Co-organizer of the **FEBS Congress** in Vienna (2200 participants)
2010 Co-organizer of Workshop In Alternative splicing in Plants. **SEB** meeting,

Prague

2011 Co-organizer of the Workshop on **Plant RNA**, Yokohama, Japan

2012 Organizer of the Workshop **Plant RNA** in Vienna, July 2012

2017 Main Scientific Organizer of **RNA 2017 the 22nd Annual Meeting of the RNA Society**

PUBLICATIONS

Total: **81 peer reviewed** publications in scientific journals, 15 book chapters, approx. 37 invited lectures or seminars since 2006; 2 patents

SUPERVISION OF STUDENTS

18 PhD, 16 Diplomas,

ongoing: 2 PhD

Director of the FWF funded Excellence Doctoral Program in RNA Biology
(<http://www.phd-rna-biology.at>) since 2007

- RNA Journal Club
- RNA Seminar: Work in Progress
- Special Chapters in RNA Research
- Molecular Biology of the RNA

PUBLIC UNDERSTANDING OF SCIENCE

1997 – to date: Cofounder and President of the public funded Scientific Platform for Public Understanding of Science: **dialog<>gentech** (ca. 400 000.-€/y), now **OPEN SCIENCE** which consists of 6– 8 people organizing projects with the aim to foster a well-grounded dialogue on biosciences and to serve as a competent information office for the public. For recent activities see www.openscience.or.at/

VIENNA OPEN LABORATORY: This is the largest project of **OPEN SCIENCE** and is the first hands on laboratory for Molecular Biology located at the IMBA (ÖAW) institute at the Vienna Biocenter (ca. 300 000.-€/y)
<http://www.openscience.or.at/#!/vol>

In **2014** the expansion of the lab more than doubled the space so that together with additional outreach activities more than **10 000 persons** per year were visiting. This successful concept has been transferred to the **OPEN LABS** in Wels, Graz, and Linz.

1995 – 2004

Member of the Austrian Commission for Gene

2015 - 2019

Technology, Federal Ministry of Health

2004 – 2010

Member of the EMBO Commission for Science and Society

2006 – 2011 EURASNET: European Network of Excellence on Alternative Splicing:
Leader of the Work package on Science Communication:
<http://www.eurasnet.info/about/about-eurasnet>
Many dissemination and outreach activities for scientist and the general public.
Brochure: **The Many Faces of the Genes** (German and English)
GENE-PUZZLE: Hands on activity to explain Alternative Splicing for the public.