CURRICULUM VITAE

Andrea BARTA

2017

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<>gentechnik** (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.