

Name: **Làszlò TORA**
Birth place: Budapest, Hungary
Nationality: Hungarian and French

Professional address:

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Qualification:

- Diploma of Biology (MSc, 1982) at Eötvös Loránd University of Natural Sciences, Budapest (Hungary)
- Ph.D. in Biochemistry and Molecular Biology at the same university (1985),
- Assistant professor at LGME/IGBMC, Strasbourg (CNRS, CR1), 1991-1995.
- Research director at IGBMC, Strasbourg (CNRS, DR2) 1996-2001.
- Research director (CNRS, DR1/equivalent of Professor level) at IGBMC, Strasbourg, 2001-2011.
- Research director (exceptional level 1, DRCE1 at CNRS) at IGBMC, Strasbourg (France) 2011-2017
- Research director (exceptional level 2, DRCE2 at CNRS) at IGBMC, Strasbourg (France) since 2017

Positions and Employment:

- Ph.D. work at Frédéric Joliot Curie National Institute for Radiobiology, Budapest (Hungary) between 1981-1985, under the direction of Dr. István Financsek
- Post-doctoral fellow at LGME/CNRS-U184, Institute de Chimie Biologie-Université Louis Pasteur, Strasbourg; under the direction of Dr. Maria Bellard
- Post-doctoral fellow at LGME/CNRS-U184, Institute de Chimie Biologie-Université Louis Pasteur, Strasbourg under the direction of Prof. Pierre Chambon
- Group Leader at IGBMC (Illkirch); since 1993
- Instructor at Eukaryotic Gene Expression Course, Cold Spring Harbor Laboratory, USA; 2004-2006
- Deputy Scientific Delegate in the field of Molecular Biology at the “Agence d’Evaluation de la Recherche et de l’Enseignement Supérieur” (AERES) between 2007 and 2008.
- Lee Wee Nam Visiting professor at the School of Biological Sciences, Nanyang Technological University, Singapore, in 2013 (sabbatical leave from CNRS).

List of Honors and Awards

- Elected member of EMBO (European Molecular Biology Organization) since 2001
- Received the silver medal of CNRS (France) in 2001
- Received the Helmholtz Humboldt Research Award (Germany) in 2005
- Elected as a member of the Hungarian Academy of Sciences (External member), Section of Biological Sciences, in 2010
- Received the « Grand Prix Etancelin » from the French Academy of Sciences, in 2011
- Doctoral and research supervision award for high level of scientific activity with teaching from CNRS, in 2013
- Received the ERC Advanced Grant of € 2.5 million for his project 'BIRTOACTION' in 2013;
- Elected member of Faculty Opinions (in 2014, originally F1000Prime); Cell Biology/Control of Gene Expression
- Elected as a Member of Academia Europaea in 2016

-Nominator for Nobel Prize 2018, 2020, 2021.

Scientific responsibility and training:

27 PhD students were trained in the group (<http://www.theses.fr/en/?q=Tora%20Laszlo>) and **25 post-doctoral fellows** (see Former members at <https://www.igbmc.fr/en/recherche/teams/dynamics-of-chromatin-structure-and-transcription-regulation#members>)

Other Experience and Professional Memberships

Reviewer for international and national grant applications:

- Human Frontier Science Program grants
- Association for International Cancer Research (AICR) grants (UK)
- La Ligue National Contre le Cancer grant applications (France)
- Italian Ministry for Education, University and Research (MIUR and CINECA)
- Welcome Trust, UK
- Agence Nationale de la Recherche (ANR) grant applications
- Fonds National Suisse de la Recherche Scientifique (FNS) grant applications
- Reviewer for ERC, CoG, and ADV grants,
- National Research Foundation (South Africa) grants,
- EMBO YIP grants;
- Reviewer for National Science Centre Poland grants;
- Review for Czech Science Foundation grants
- Severo Ochoa” Centres of Excellence and “María de Maeztu” Units of Excellence (Spain) evaluations in 2015-2016, and in 2019-2020.
- Member of Scientific Evaluation Committee for proposals in the calls of "Biological and basic sciences for Cancer research" of the French National Cancer Institute (INCa). 2015-2016.

Reviewing Committee memberships (last 10 years):

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| Since 2001-2010 | EMBO fellowship personal interviews and corresponding reports
Chair of the AERES evaluation committee of Albert Bonniot Institute, Grenoble, France |
| 2010 | Chair of the AERES evaluation committee of Laboratoire de Biologie Moléculaire de la Recherche, Lyon, France |
| 2012- | Member of the Scientific Advisory committee at Biological Research Centre, Hungarian Academy of Sciences |
| 2012 | ERC Starting/Consolidator grant applications, LS1 panel member; |
| 2014, 2016, 2018 | ERC Consolidator grant applications, LS1 panel chair |
| 2014 | Swiss National Science Foundation (SNSF) Starting Grant evaluation committee, |
| 2018 | HCERES evaluation committee member of Institut de Biologie Intégrative de la Cellule (I2BC) Genome Biology Department, Gif-Sur-Yvette, France; |
| 2019 | Evaluator and scientific board member of the Institute of Genetics at the Biological Research Centre (BRC), Szeged, Hungary. |
| 2020 | President of the HCERES evaluation committee of Institut de Génétique Moléculaire de Montpellier, France |
| 2021, 2022 | Chair of Agence Nationale de la Recherche (ANR) grant applications, CE12 committee. |

Consulting

- 2006-2008 OncoTx Inc., California, USA
- 2008-2012 Consultant at CellCentric Ltd, (UK) to develop SAGA DUB inhibitors;
- 2013-2014 Consultant at Threshold Pharmaceuticals, California, USA

Responsibilities at IGBMC:

- Coordinator of the Transcription department of IGBMC, that included the groups of P. Sassone-Corsi, J.M. Egly, C. Kedinger, I. Davidson, J. Stevenin, and L. Tora; 2002-2005.
- In charge of the Proteomic facility at IGBMC; 2000-2005.
- President of the recruitment committee of IGBMC (2008-2009)
- Member of the scientific advisory committee supervising the proteomic facility of IGBMC (since 2016-2020)
- Scientific advisor of the Proteomic facility at IGBMC; since 2020.

Editorial Board member:

EMBO Journal (2007-2020),
EMBO Reports (2007-2014),
Transcription (since 2010),
Epigenomes (since 2014),
Cell stress (since 2017),

Academic Editor:

PLoS ONE (since 2006)

Editorial Board member, Reviewing Editor: JBC (2015-2025)

Guest Associate Editor: PLOS Genetics

Recent lecturing work and Teaching experiences

- 2004-2006 Instructor and lecturer at Eukaryotic Gene Expression Course, Cold Spring Harbor Laboratory, USA
- 2005 Thesis opponent at a Ph.D. thesis, Karolinska Institutet, Stockholm, Sweden.
- 2006-2012 Teaching at l'Université de Strasbourg, Faculté de Médecine, Strasbourg (France) Master M2 students.
- 2007-2010 Teaching at l'Université de Strasbourg, Faculté de Sciences, Strasbourg Master 2;
- 2008 Lecturer at the Ph.D. thesis course at the Research School 'Cancer Genomics & Developmental Biology' at Utrecht University, The Netherlands
- 2015-2016 Teaching Master M2 students at the University of Strasbourg
- 2018-2021 Teaching Master M1 students at the University of Strasbourg, Faculté des Sciences de la Vie)

Recent organization of symposia, meetings and workshops

- The 4th EMBL Transcription meeting** (2000) with Henk Stunnenberg, Francis Stewart and Achim Leutz at Heidelberg (Allemagne). **350** participants.
- **Keystone Symposia** « Regulation of Eukaryotic Transcription: From Chromatin to mRNA » Transcription meeting" (2006) with James Goodrich and Karolin Luger, at Taos, USA. **350** participants.
- TriRhena Chromatin and Transcription Workshop** (2006-2012) with Robert Schneider (MPI, Freiburg) and Antoine Peters (FMI, Basel), three times per year, half a day meeting. 80-100 participants.
- Organisation of the **EPIDIACAN EU network meeting** (2011) at Strasbourg (France);
- IGBMC Super Resolution Imaging Meeting and practical workshop** (2014), Strasbourg, <http://super-res-igbmc.sciencesconf.org/>
- Danube Scientific Conferences on Epigenetics (in 2014, 2016, 2018, 2020 virtual, and 2022)**, at Budapest (Hungary). Scientific Organizing Committee member, <http://danube-epigenetics.weebly.com/>

Research Support in the past 10 years

- FRM (Fondation pour la Recherche Médicale) (EQU-2021-03012631), "Équipe labélisé FRM"**, project: Characterization of a new transcription initiation machinery functioning during mammalian oogenesis; 01/01/2022-31/12/2024.

- Infrastructure National PHENOMIN (Mouse Clinical Institute - MCI), Call 2020:**
Projects for mouse model generation (IM7754 and IR7753).
- ANR Programme 2020 (ANR-20-CE12-0017-03),** project: Functions and dysfunctions of the transcription/repair factor TFIIH (acronym TFIIH) 01/01/2021-30/06/2024.
Coordinator: F. Coin (IGBMC), collaboration with L. Tora team.
- ANR PRCI 2019, (EpiCAST-19-CE12-0029-01),** 01/01/2020-31/12/2022. French coordinator: L. Tora, collaboration with HTM Timmers' (DKFZ, Freiburg, Germany) team.
- NSF (National Science foundation, USA),** Emerging Frontiers in Research and Innovation 2019 (EFRI), 01/09/2019-31/08/2023, with four US groups
Coordinator: C. Castro (OSU, USA)
- ANR Programme 2019 (PICen-19-CE11-0003-02),** 01/10/2019-30/09/2022, Coordinator: G. Papai (IGBMC),
- NIH RO1 grant (USA),** 1R01GM131626-01, coordinator: M. Poirier, Ohio State University (OSU, USA), 01/02/2019-31/12/2027.
- ANR Programme 2015, (ANR-15-CE11-0022-02),** SAGA2, Structure, activité et analyse génomique de co-activateur SAGA, 01/10/2015-30/09/2018.
- ERC Advanced Grant-2013,** project: From birth to action: regulation of gene expression through transcription complex biogenesis, 'BIRTOACTION'. Period: 2014-2018.

L. Tora has published about 188 peer-reviewed publications with about 16300 citations (h index 66) in ISI Web of Knowledge and 23250 citations (h index 80) in Google Scholar.

Patent applications:

- Inventors:** Daniel Metzger, **Làszlò Tora** and Pierre Chambon
Process for obtaining a native, wild-type human oestrogen receptor and its applications
Patent N°: EP0406122 A1 (US Patent N°: 5,817,503)
- Inventors:** Yvon Trottier, Yves Lutz, **Làszlò Tora** and Jean-Louis Mandel
Antibody 1C2 used for treating or preventing neuro-degenerative diseases.
Patent Number(s): FR2649994-A
- Inventors:** Brendan Bell and **Làszlò Tora**
USE OF hTAFII80 AND ISOFORMS THEREOF FOR INDUCING APOPTOSIS Patent N°s: EP1160320A1
- Inventors:** Janos Kiss, Ferenc Mueller, Ferenc Olasz, Uwe Straehle, Monika Szabo, **Làszlò Tora**
Site-directed recombinase fusion proteins vectors and kits, and their uses for site-directed DNA recombination
Patent N°: EP1308516 A1