

## CURRICULUM VITAE

**Alberto R. Kornblihtt**

**DATE OF BIRTH:** June 30, 1954

**NATIONALITY:** Argentine

**CIVIL STATUS:** Married, two children

**HOME ADDRESS:**

Mendoza 3449 - 1 piso  
(1430) Buenos Aires, Argentina Tel.: 54 11 4545-6108

**PROFESSIONAL ADDRESS:**

IFIBYNE-UBA-CONICET and Departamento de Fisiología, Biología Molecular y Celular, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires and. Ciudad Universitaria - Pabellón IFIBYNE (C1428EHA) Buenos Aires - Argentina. Tel.: 54-11-4576-3386 FAX: 54-11-4576-3321. E-mail: ark@fbmc.fcen.uba.ar

**EDUCATION**

- Licenciado en Ciencias Biológicas (MSc, Biology), University of Buenos Aires, 1977.
- Doctor en Ciencias Químicas, (PhD, Biochemistry), Campomar Foundation, University of Buenos Aires, 1980.

**PRESENT POSITIONS**

- [Professor Emeritus, University of Buenos Aires, Argentina.](#)
- ["Investigador Superior", National Research Council \(CONICET\), Argentina.](#)
- Elected member of the executive council of the Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) of Argentina in representation of the great area of Biological and Health Sciences.

**PAST POSITIONS**

- [International Research Scholar, Howard Hughes Medical Institute, USA \(2002-2006, 2007-2011, 2012-2017\).](#)
- Director of the Departamento de Fisiología, Biología Molecular y Celular, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires (2002--2006).
- President of the Argentine Society for Biochemistry and Molecular Biology (SAIB) (2010-2011).
- Director. Instituto de Fisiología, Biología Molecular y Neurociencias (IFIBYNE-UBA-CONICET) (2014-2021).

**RESEARCH ACTIVITY**

1977-1981

Instituto de Investigaciones Bioquímicas, Fundación Campomar, Buenos Aires, Argentina.  
PhD thesis. Advisor: Héctor N. Torres.

1981-1984

Sir William Dunn School of Pathology, University of Oxford, England. Post-doctoral training. Advisor: Francisco E. Baralle.

1987-1988

École Normale Supérieure, Laboratoire de Physiopathologie du Développement, Paris, France. Visiting scientist.

1985-1996

INGEBI (Institute of Genetic Engineering and Molecular Biology), Buenos Aires, Argentina.

1997-

Laboratory of Physiology and Molecular Biology. Dept. of Physiology, Molecular and Cell Biology, School of Sciences, University of Buenos Aires. Institute of Physiology, Molecular Biology and Neurosciences (IFIByNE-CONICET).

#### **MAJOR HONORS AND AWARDS**

- National Academy of Sciences of the USA, International Member (2011).
- Académie des Sciences, France, Membre Associé (2021).
- European Molecular Biology Organization (EMBO), Associate Member (2012).
- Academia de Ciências of Brasil (2024).
- HHMI International Research Scholarship (2002-2006, 2007-2011, 2012-2017).
- Investigator of the Nation 2010 (Presidency of Argentina) (2010).
- Fellow of the John Simon Guggenheim Memorial Foundation (1991).
- TWAS Prize in Medical Sciences, Academy of sciences for the developing world (2012).
- Konex Diamond award as the best scientist of the decade of Argentina (ex-aequo with Juan Martín Maldacena) (2013).
- Latin American Chair "Julio Cortázar", Universidad de Guadalajara, Mexico (2023).
- Academia Nacional de Ciencias of Argentina
- Academia Nacional de Ciencias Exactas, Físicas y Naturales of Argentina
- Academia de Ciencias de América Latina.
- Bunge & Born Prize, Biochemistry and molecular biology (2025).

#### **OTHER HONORS AND AWARDS**

- Visiting Professor, École Normale Supérieure, Paris, France (1988).
- Antorchas Foundation special chair in Molecular Biology (2000-2008).
- Konex Platinum award, Cytology and Molecular Biology (2003).
- Bicentennial Medal (Government of the City of Buenos Aires) (2010).
- Honorary Professor and Academic, National University of Mar del Plata, Argentina.
- Life achievement Bernardo Houssay award in Chemistry, Biochemistry and Molecular Biology (Ministry of Science and Technology of Argentina) (2010).
- Special Mention of the Honorary Senate of Argentina (2011).
- Fellow of the American Association for the Advancement of Science (AAAS) (2015).
- Picchione Lecture, Dalhousie University, Halifax, Canada (2016).

Kornblihtt, Alberto R.

- Sackler Visiting Lecturer, Tel Aviv, Israel (2019).
- Doctor Honoris Causa, Universidad Nacional de Mar del Plata, Argentina (2019).
- Doctor Honoris Causa, Universidad de la República, Uruguay (2019).
- Doctor Honoris Causa, Universidad Nacional de Quilmes, Argentina (2025).

#### **MEMBER OF SCIENTIFIC ADVISORY BOARDS**

- International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy (2005-2014).
- Institute of Infectious Disease and Molecular Medicine, University of Cape Town, South Africa (2008-).
- Pasteur Institute of Montevideo, Uruguay (2010-).
- Board of the Fulbright Commission for Educational Exchange between Argentina and the USA (2014-2015).

#### **EDITORIAL BOARDS**

##### **Present**

- PNAS (2021-2024)
- Journal of Cell Biology (2019-)
- EMBO Molecular Medicine (2021-)
- Transcription (Taylor and Francis). Editor-in-Chief.

##### **Past**

- Science, AAA. Board of Reviewing Editors (2010-2015)
- FASEB Journal (2015-2024)
- IUBMB Life, journal of the International Union for Biochemistry and Molecular Biology (2003-2020).
- Molecular and Cellular Biology (MCB), American Society for Microbiology (2009-2011).
- FEBS Journal, Member of the Editorial Advisory Board (2009-2012).

#### **PhD THESES SUPERVISED (year of approval)**

Alejandro Gutman (1988)  
Viviana Bernath (1991)  
Andrés Muro (1992)  
C. Gustavo Pesce (1997)  
Claudio Alonso (1998)  
Paula Cramer (1999)  
Gustavo Melen (2001)  
Sebastián Kadener (2002)  
Guadalupe Nogués (2004)  
Manuel de la Mata (2007)  
Juan Pablo Fededa (2007)  
Manuel Muñoz (2009)  
Ignacio Schor (2009)  
Mariano Alló (2010)

Kornblihtt, Alberto R.

Ezequiel Petrillo (2011)

Celina Lafaille (2013)

Ana Fiszbein (2016)

Luciana Gómez Acuña (2017)

Micaela Godoy Herz (2017)

Nicolás Nieto Moreno (2019)

Luciano Marasco (2022)

Guillermina Kubaczka (2024)

Jose Stigliano (2025)

Emilia Haberfeld

### **PRESENT POSITIONS OF FORMER LAB MEMBERS**

- Andrés F. Muro. Group leader. International Centre for Genetic Engineering and Biotechnology, Trieste, Italy.
- Viviana Bernath. CEO. Biología Molecular Diagnóstica, S.A., Buenos Aires.
- Anabella Srebrow. Investigator. CONICET and Adjunct Professor UBA.
- Claudio R. Alonso. Professor. Sussex University, England.
- Sebastián Kadener. Group leader. Brandeis University, USA.
- Paula Cramer. Investigator, CONICET.
- Manuel de la Mata. Investigator, CONICET.
- Juan Pablo Fededa. Investigator, CONICET.
- Ignacio Schor. Investigator, CONICET.
- Ezequiel Petrillo. Investigator, CONICET.
- Gwendal Djuardin. Post-doctoral fellow, University of Oxford, UK.
- Manuel Muñoz. Investigator, CONICET.
- Ana Fiszbein. Assitant Professor, Boston University, USA.
- Nicolás Nieto Moreno. Post-doctoral Fellow, University of Copenhagen, Denmark.
- Guillermina Kubaczka. Post-doctoral Fellow, Yale University, USA.

### **PATENTS**

U.S. Provisional Patent Application

Appl. No. 63/051,279; Filing date: July 13th, 2020

Title: Compositions for treatment of spinal muscular atrophy

Inventors: Marasco, Krainer, Stigliano y Kornblihtt

### **SEMINARS AND CONFERENCES**

#### **1984**

- Workshop on Multidomain Proteins, Budapest, Hungary.
- IV Congress of the Pan American Association of Biochemical Societies (PAABS), Buenos Aires.
- Sir William Dunn School of Pathology, Oxford, England.
- Institut Pasteur, Paris, France.

#### **1985**

- Gordon Conference on Fibronectin, Oxnard, California, USA.

Kornblihtt, Alberto R.

- National Cancer Institute, NIH, Bethesda, USA.
- Center for Cancer Research, MIT, Cambridge, USA.
- New York University, New York, USA.

**1987**

- École Normale Supérieure, Paris, France.

**1988**

- Instituto Sieroterapico, Milan, Italy.
- University of Constanz, Germany.

**1989**

- Ludwig Institut for Cancer Research, Sao Paulo, Brazil.
- Ibero-American Society of Cell Biology, Santiago, Chile.

**1990**

- VI Congress of the Pan American Association of Biochemical Societies (PAABS), Sao Paulo, Brazil.
- Institut Curie, Paris, France.
- Institut National de Recherches sur le Cancer, Villejuif, France.
- International Centre for Genetic Engineering and Biotechnology, Trieste, Italy.
- National Institute for Dental Research, NIH, Bethesda, USA.

**1991**

- Gordon Conference on Fibronectin, Oxnard, California, USA.

**1992**

- Center For Cancer Research, MIT, Cambridge, USA.
- École Normale Supérieure, Paris, France.

**1993**

- Lawrence Berkeley Lab, University of California (Berkeley), USA.
- Centro de Ingeniería Genética y Biotecnología, La Habana, Cuba.

**1994**

- Santiago Southern Summer Symposium, Santiago, Chile
- Sociedad de Bioquímica y Biología Molecular de Chile, La Serena, Chile.

**1995**

- Gordon Conference on Fibronectin, Integrins and Related Molecules, Oxnard, California, USA.
- Lawrence Berkeley Lab, University of California (Berkeley), USA.
- San Francisco General Hospital, University of California, San Francisco, USA.
- Instituto de Química, Universidad de Sao Paulo, Brazil.

**1996**

- IV Symposium on Extracellular Matrix (SIMEC/96), Angra dos Reis, Brazil.
- VII Congress of the Pan-American Association for Biochemistry and Molecular Biology, Pucón, Chile.
- 6th International Congress on Cell Biology, San Francisco, USA.
- National Institute for Dental Research, NIH, Bethesda, USA.

**1997**

- Instituto de Biología y Medicina Experimental (IBYME) Buenos Aires.

Kornblihtt, Alberto R.

- Symposium "Molecular Biology and Biotechnology for Development". ICGEB, Trieste, Italy.

- Sir William Dunn School of Pathology, Oxford, UK.

- MRC Molecular Genetics Unit, Edinburgh, UK.

#### **1998**

- 17th International Cancer Congress, Rio de Janeiro, Brazil

- "PABMB Conference" Annual Meeting of the Chilean Biochemical and Molecular Biology Society, Valdivia, Chile.

#### **1999**

- XXXV Meeting of the Argentine Society for Biochemistry and Molecular Biology (SAIB). Mendoza, Argentina.

- Semmelweis University, Budapest, Hungary.

- International Symposium "Common themes in transcription and RNA processing". Buenos Aires, Argentina

#### **2000**

- University of Guelph, Canada.

- Universidad de Sherbrooke, Canada.

- Liver Center. University of California, San Francisco, USA.

- University of Colorado, Denver, USA.

- National Cancer Institute, NIH, Bethesda, USA.

#### **2001**

- Plenary session, Meeting of the Human Genome Organization (HUGO), Edinburgh, UK.

- Laboratory of Molecular Biology, Medical Research Council, Cambridge, UK

- 27th Meeting of the Federation of European Biochemical Societies (FEBS), Lisbon, Portugal.

- Brandeis University, Massachusetts, USA.

#### **2002**

- International Research Scholars Meeting, Howard Hughes Medical Institute, Palm Cove, Queensland, Australia.

- 28th Meeting of the Federation of European Biochemical Societies (FEBS), Istanbul, Turkey.

#### **2003**

- Centro de Ingeniería Genética y Biotecnología, La Habana, Cuba.

- Meeting of the Human Genome Organization (HUGO), Cancún, Mexico.

- Plenary lecture at the IUBMB Congress, Montreal, Canada.

- International Symposium "Gene expression and RNA processing". Iguazú Falls, Argentina

#### **2004**

- International Research Scholars Meeting, Howard Hughes Medical Institute, Tallinn, Estonia.

- Gordon Conference on the "The biology of post-transcriptional gene regulation".

- International conference on "Coupling between transcription and RNA processing". Baeza, Spain.

#### **2005**

- Conference "New Frontiers in Transcription", Kusatsu, Japan.

- Meeting on "3' end mRNA processing", Oxford, England.

- Meeting on "The Pathology of pre-mRNA splicing: Diagnostic and Mechanistic Aspects", Trieste, Italy.
- International Research Scholars Meeting, Howard Hughes Medical Institute,, Mérida, Mexico.
- Meeting "BioScience2005 - from genes to systems". Glasgow, UK.
- "Eukaryotic mRNA Processing Meeting". Cold Spring Harbor, New York, USA.
- Xth PABMB Congress and XLI Annual meeting of SAIB, Pinamar, Argentina.

#### **2006**

- First meeting of EURASNET (European Network of Excellence on Alternative Splicing), Barcelona, Spain.
- University of California, Irvine, USA.
- University of California, Los Angeles, USA.
- University of California, San Diego, USA.
- XIII Brazilian Congress on Cell Biology and III International Symposium on Extracellular Matrix, Buzios, Brazil.
- Gordon Research Conference "Regulation of Post-transcriptional pre-mRNA processing", Oxford, England.
- International Research Scholars Meeting, Howard Hughes Medical Institute,, Janelia Farm, Maryland, USA.

#### **2007**

- Instituto FIRC di Oncologia Molecolare and European Institute of Oncology, Milan, Italy.
- EMBO Conference Series. "First meeting on pre-mRNA and disease". Cortina d'Ampezzo, Italy.
- Second Annual Meeting of EURASNET, Ile de Bendor, France.
- Second Microsymposium on Small RNAs. "Keynote Lecture". Vienna, Austria.
- FEBS Meeting "Molecular Machines", Vienna, Austria.
- Gene Expression and RNA Processing, Bariloche, Argentina.

#### **2008**

- Pasteur Institute, Dept. of Biology of Development, Paris, France.
- First International Conference on Alternative Splicing, EURASNET, Krakow, Poland.
- International Research Scholars Meeting, Howard Hughes Medical Institute,, Lisbon, Portugal.

#### **2009**

- Fourth Annual Meeting of EURASNET, Assisi, Italy.
- RNA 2009, RNA Society XVth Annual Meeting , Madison, EEUU. Session chair.
- International Union for Biochemistry and Molecular Biology (IUBMB) Meeting, Shanghai, China. Symposium chair.
- "3' end mRNA processing and gene expression" Meeting, Oxford, England.
- "Biology in Balance" Conference in the series Exciting Biologies, Cell Press y Massachusetts General Hospital, Buenos Aires, Argentina.

#### **2010**

- Cancer Research Center, Massachusetts General Hospital-Harvard University, Boston, USA.
- Instituto de Fisiología Celular. Universidad Nacional Autónoma de México, Mexico.

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- Departamento de Bioquímica, CINVESTAV – Mexico.
- Vth Annual Meeting of EURASNET, Lisbon, Portugal.
- Cold Spring Harbor Symposium on Quantitative Biology: the Nucleus. Cold Spring Harbor, New York, USA.
- Gordon Conference “The biology of post-transcriptional gene regulation”. Session chair.
- Cold Spring Harbor Conference on RNA Biology. Cold Spring Harbor Asia, Shanghai, China.

#### **2011**

- Second International Conference on Alternative Splicing, EURASNET, Granada, Spain.
- Symposium “Frontiers in Biology”, Barcelona, Spain.
- Vienna Biocenter. General Seminar Series. Vienna, Austria.
- Institut Curie, Paris, France.
- ICGEB Symposium “Gene Expression and RNA Processing”, Iguazú, Misiones, Argentina.
- Symposium “Frontiers in Epigenomics”, Baeza, Spain.
- CABIMER, Sevilla, Spain.

#### **2012**

- Keystone Symposium Protein-RNA interactions in Biology and Disease, Santa Fe, New Mexico, USA.
- Columbia University, New York, USA.
- IFOM, Milan, Italy.
- EMBO Meeting 2012. Nice, France.
- EMBL Symposium, Heidelberg, Germany.

#### **2013**

- Academia Sinica, Taipei, Taiwan
- Howard Hughes Medical Institute, Investigators Meeting, Chevy Chase, USA.
- Instituto de Química, Universidade de São Paulo, Brazil.
- Instituto de Biología Molecular de Rosario, Rosario, Argentina.
- Sociedad Argentina de Genética, Salta, Argentina.
- EMBO Members Meeting, Heidelberg, Alemania.
- University of Sussex, Brighton, Inglaterra.

#### **2014**

- Sunny Brook Hospital, University of Toronto, Canada.
- Janelia Farm Conference: “Long range genome organization and transcription dynamics”. Janelia Farm, USA.
- IBM Conference on coding Nuclear RNA in gene regulation and chromatin structure, Mainz, Germany.
- Symposium on Ubiquitin and UBLs, Buenos Aires, Argentina.
- Institut Pasteur, Paris, France.
- Institute of Infectious Disease and Molecular Medicine, Cape Town, South Africa (10<sup>th</sup> Anniversary Symposium).
- Hector N. Torres Lecture. 50<sup>th</sup> Annual Meeting of SAIB, Rosario, Argentina.

#### **2015**

- ENDO 2015 Meeting. Endocrine Society, San Diego, USA.
- PABMB Lecture. 40th FEBS Meeting, Berlin, Germany.

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- Leloir Lecture, Spanish Society for Biochemistry and Molecular Biology, Valencia, Spain.

#### **2016**

- Investigators' Meeting, Howard Hughes Medical Institute, Janelia Farm, Virginia, USA.
- Dalhousie University, Picchione Lecture, Halifax, Canada.
- "Skin Rare Diseases Symposium", Madrid, Spain.

#### **2017**

- Instituto de Biotecnología, UNAM, Cuernavaca, Mexico.
- Mount Sinai Hospital, New York, USA.
- University of Nevada, Reno, USA.
- Albert Einstein College of Medicine, New York, USA.
- Sociedade Brasileira de Bioquímica y Biología Molecular, Águas de Lindóia, Brazil.
- Closing lecture. Sociedad de Bioquímica y Biología Molecular de Chile. Puerto Varas, Chile.
- Forty years of mRNA splicing: from discovery to therapeutics, Cold Spring Harbor laboratory, New York, USA.

#### **2018**

- Future Congress. Santiago, Chile.
- Plenary Speaker. XXII International Congress of Genetics (ICG), Foz do Iguaçu, Brazil.
- Cold Spring Harbor Asia meeting on RNA biology, Suzhou, China.
- World Life Science Conference, Beijing, China.

#### **2019**

- 64th Cold Spring Harbor Symposium on the Biology of RNA
- Instituto de Medicina Molecular, Lisbon, Portugal
- Sackler Lecture, Tel Aviv, Israel.

#### **2020**

- Life Science Across the World, seminario internacional online. Janelia Research Campus, Howard Hughes Medical Institute, EEUU (virtual).
- Queen Mary University, London, UK (virtual).
- University of Mississippi Medical Center, Jackson, EEUU (virtual).

#### **2021**

- International Congress of Endocrinology, Buenos Aires, Argentina (virtual).
- Center for Regenerative Therapies, Dresden, Germany (virtual).

#### **2022**

- Académie des Sciences, París, Francia.
- Sociedad Argentina de Biología, Buenos Aires, Argentina
- Genetics Society of America, USA (virtual).

#### **2023**

- Harvard Medical School (BCMP&Cell Biology seminar series), USA.
- [Cold Spring Harbor Symposium on Eukaryotic pre-mRNA processing, Keynote Lecture, Cold Spring Harbor, New York, USA.](#)
- [Latin American Chair "Julio Cortázar", Universidad de Guadalajara, Mexico.](#)

#### **2024**

RNA therapeutics. From concept to clinic. University of Massachusetts Chan Medical School, Worcester, USA.

#### ORGANIZATION OF SCIENTIFIC MEETINGS

- XXXIV Annual Meeting of the Argentine Society of Biochemistry and Molecular Biology (SAIB). Mendoza, Argentina, November 1998.
- International Symposium "Common themes in transcription and RNA processing". Buenos Aires, Argentina, September 1999.
- XXXV Annual Meeting of the Argentine Society of Biochemistry and Molecular Biology (SAIB). Mendoza, Argentina, November 1999.
- International Symposium "Gene expression and RNA processing". Iguazú Falls, Argentina, Nov.-Dec. 2003.
- International Symposium "Gene expression and RNA processing". Bariloche, Argentina, Nov.-Dec. 2007.
- International Symposium "Gene expression and RNA processing". Iguazú Falls, Argentina, Sept-Oct. 2011.
- [Eukaryotic pre-mRNA processing, Cold Spring Harbor Laboratory, New York \(2017, 2019 and 2021\)](#)

#### RESEARCH GRANTS AWARDED

- National Research Council of Argentina (CONICET)
- University of Buenos Aires
- International Centre for Genetic Engineering and Biotechnology (ICGEB) - Italy. (1992-1994, 1996-1998, 2000-2003).
- Fundación "Antorchas".
- Third World Academy of Sciences.
- National Institutes of Health - USA. Fogarty International Research Award R03 TW00717-01 (1996-1998).
- Agencia Nacional de Promoción de Ciencia y Tecnología (1998-2019).
- Antorchas Fellowship (2001-2003, 2004-2006, 2007-2009).
- HHMI International Research Scholarship (2002-2006 and 2007-2011)
- European Union Network of Excellence on Alternative Splicing (EURASNET) (2006-2010)
- HHMI International Research Scholarship (2012-2017)
- CureSMA/FAME (2017-2019)

#### PUBLICATIONS (selected)

- [Kornblihtt, A. R.](#), Flawiá, M. M., & Torres, H. N. Manganese ion dependent adenylate cyclase activity in rat testes: purification and properties. *Biochemistry* **20**, 1262-1267 (1981).
- Reig, J. A., [Kornblihtt, A. R.](#), Flawiá, M. M. & Torres, H. N. Soluble adenylate cyclase activity in *Neurospora crassa*. *Biochem. J.* **207**, 43-49 (1982)
- Flawiá, M. M., [Kornblihtt, A. R.](#), Reig, J. A., Torruella, M. & Torres, H. N. Reconstitution of a hormone-sensitive adenylate cyclase with membrane extracts from *Neurospora* and avian erythrocytes. *J. Biol.Chem.* **258**, 8355-8259 (1983).

- Shoulders, C. C., [Kornblihtt, A. R.](#), Munro, B. S. & Baralle, F. E. Gene structure of human apolipoprotein A1. *Nucleic Acids Res.* **11**, 2827-2837 (1983).
- [Kornblihtt, A. R.](#), Vibe-Pedersen, K. & Baralle, F. E. Isolation and characterization of cDNA clones for human and bovine fibronectins. *Proc. Natl. Acad. Sci. USA* **80**, 3218-3222 (1983).
- [Kornblihtt, A. R.](#), Vibe-Pedersen, K. & Baralle, F. E. Human fibronectin: molecular cloning evidence for two mRNA species differing by an internal segment coding for a structural domain. *EMBO J.* **3**, 221-226 (1984).
- [Kornblihtt, A. R.](#), Vibe-Pedersen, K. & Baralle, F. E. Human fibronectin: cell-specific alternative splicing generates polypeptide chains differing in the number of internal repeats. *Nucleic Acids Res.* **12**, 5853-5868 (1984).
- Vibe-Pedersen, K., [Kornblihtt, A. R.](#) & Baralle, F. E. Expression of a human alpha globin/fibronectin gene hybrid generates two mRNAs by alternative splicing. *EMBO J.* **3**, 2511-2516 (1984).
- Umezawa, K., [Kornblihtt, A. R.](#) & Baralle, F. E. Isolation and characterization of cDNA clones for human liver fibronectin. *FEBS Lett.* **186**, 31-34 (1985).
- [Kornblihtt, A. R.](#), Umezawa, K., Vibe-Pedersen, K. & Baralle, F. E. Primary structure of human fibronectin: differential splicing may generate at least 10 polypeptides from a single gene. *EMBO J.* **4**, 1755-1759 (1985).
- Gutman, A., Yamada, K. & [Kornblihtt, A. R.](#) Human fibronectin is synthesized as a pre-polypeptide. *FEBS Lett.* **207**, 145-148 (1986).
- Colombi, M., Barlati, S., [Kornblihtt, A. R.](#), Baralle, F. E. & Vaheri, A. A family of fibronectin mRNAs in human normal and transformed cells. *Biochim. Biophys. Acta* **868**, 207-214 (1986).
- Gutman, A. & [Kornblihtt, A. R.](#) Identification of a third region of cell-specific alternative splicing in human fibronectin mRNA. *Proc. Natl. Acad. Sci. USA* **84**, 7179-7182 (1987).
- Obara, M., Kang, M. S., Rocher-Dufour, S., [Kornblihtt, A. R.](#), Thiery, J.P. & Yamada, K. M. Expression of the cell binding domain of human fibronectin in E. coli: identification of sequences promoting full to minimal adhesive function. *FEBS Lett.* **213**, 261-264 (1987).
- Dufour, S., Duband, J. L., [Kornblihtt, A. R.](#) & Thiery, J. P. Role of fibronectins during embryonic development and cell migrations. *Trends in Genetics* **4**, 198-203 (1988).
- Seebacher, T., Manske, M., [Kornblihtt, A. R.](#) & Bade, E. G. Cellular fibronectin is induced by epidermal growth factor, but not by dexametasone or cyclic AMP in rat liver epithelial cells. *FEBS Lett.* **239**, 113-116 (1988).
- [Kornblihtt, A. R.](#) & Gutman, A. Molecular Biology of the Extracellular Matrix Proteins. *Biological Reviews* **63**, 465-507 (1988).
- Bernath, V. A., Muro, A. F., Vitullo, A. D., Bley, M. A., Barañao, J. L. & [Kornblihtt, A. R.](#) Cyclic AMP inhibits fibronectin gene expression in a newly developed granulosa cell line by a

mechanism that suppresses cAMP-responsive-element transcriptional activation. *J. Biol. Chem.* **265**, 18219-18226 (1990).

- Dufour, S., Gutman, A., Bois, F., Lamb, N., Thiery, J. P. & Kornblihtt, A. R. Generation of full-length cDNA recombinant vectors for the expression of fibronectin in mammalian cell lines. *Exp. Cell Res.* **193**, 331-338 (1991).

- Muro, A. F., Puricelli, L., Kornblihtt, A. R. & Bal de Kier Joffé, E. Inverse correlation between fibronectin mRNA levels and the metastatic potential of two murine mammary adenocarcinomas. *Invasion Metastasis* **11**, 281-287 (1991).

- Muro, A. F., Bernath, V. A. & Kornblihtt, A. R. Interaction of the -170 Cyclic AMP response element with the adjacent CCAAT box in the human fibronectin gene promoter. *J. Biol. Chem.* **267**, 12767-12774 (1992).

- Srebrow, A., Muro, A. F., Werbach, S. & Kornblihtt, A. R. The CRE-binding factor ATF-2 facilitates the occupation of the CCAAT box in the fibronectin gene promoter. *FEBS Lett.* **327**, 25-28 (1993).

- Rossi, M. S., Pesce, C. G., Reig, O. A., Kornblihtt, A. R. & Zorzópolos, J. Retroviral-like features in the monomer of the major satellite DNA from the South American rodents of the genus *Ctenomys*. *DNA Seq.* **3**, 379-382 (1993).

- Muro, A. F., Pesce, C. G. & Kornblihtt, A. R. DNA sequencing by the chemical method: a 10 minute procedure for the G + A reaction. *Trends in Genetics* **9**, 337-338 (1993).

- Lavigueur, A., La Branche, H., Kornblihtt, A. R. & Chabot, B. A splicing enhancer in the human fibronectin alternate ED1 exon stimulates the binding of U2AF65 and U2 snRNP. *Genes & Dev.* **7**, 2405-2417 (1993).

- Pesce, C. G., Rossi, M. S., Muro, A. F., Zorzópolos, J. & Kornblihtt, A. R. Binding of nuclear factors to a satellite DNA of retroviral origin with marked differences in copy number among species of the rodent *Ctenomys*. *Nucleic Acids Res.* **22**, 656-661 (1994).

- Guerra, F., Eijan, A. M., Puricelli, L., Alonso, D. E., Bal de Kier Joffé, E., Kornblihtt, A. R., Charreau, E. H. & Elizalde, P. V. Varying patterns of expression of insulin-like growth factors I and II and their receptors in murine mammary adenocarcinomas of different metastasizing ability. *Int. J. Cancer* **65**, 812-820 (1996).

- Alonso, C. R., Pesce, C. G. & Kornblihtt, A. R. The CCAAT-binding proteins CP1 and NF-I cooperate with ATF-2 in the transcription of the fibronectin gene. *J. Biol. Chem.* **271**, 22271-22279 (1996).

- Kornblihtt, A. R., Alonso, C. R., Cramer, P., Pesce, C. G., Srebrow, A., Werbach, S. E. & Muro, A. F. The fibronectin gene as a model for transcription and splicing studies. *FASEB J.* **10**, 248-257 (1996).

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