

UNIVERSITÀ DEGLI STUDI DI MILANO

Procedura di selezione per la chiamata a professore di II fascia da ricoprire ai sensi dell'art. 18, comma 1, della Legge n. 240/2010 per il settore concorsuale \_\_06/A2 Patologia Generale e Patologia Clinica\_\_\_\_\_,  
 (settore scientifico-disciplinare \_\_MED/04 - Patologia Generale\_\_\_\_\_)  
 presso il Dipartimento di \_\_Scienze Farmacologiche e Biomolecolari\_\_\_\_\_,  
 (avviso bando pubblicato sulla G.U. n. \_\_14\_\_ del \_\_19.02.2019\_\_\_\_\_) - Codice concorso \_\_4016\_\_

## Enzo LALLI

### CURRICULUM VITAE

#### INFORMAZIONI PERSONALI

|                 |            |
|-----------------|------------|
| COGNOME         | LALLI      |
| NOME            | ENZO       |
| DATA DI NASCITA | 13/06/1963 |

**ORCID number**        0000-0002-0584-5681

#### Present Academic Rank and Position

Inserm Research Director (DR2) - Group Leader, IPMC CNRS - UNS

Coordinator of the *EXPOGEN-CANCER* CNRS International Associated Laboratory

#### Education

1982-1988                M.D. *cum laude* – Bologna University (Italy)

1988-1991                Specialist degree in Haematology *cum laude* – Bologna University (Italy)

#### Board Certification

1989                        Medical Board of Campobasso province (Italy), n°1902

#### Honors and Awards

1987 and 1988            *Dr. Rino Fiorini* prize for academic excellence, Bologna University (Italy)

1987 and 1988            *Francesco Pecori* prize for academic excellence, Bologna University (Italy)

1988                        *Ernesto Cavazza* prize for MD dissertation, Bologna University (Italy)

1988                        *Dorothy and Arthur Buck* prize for MD dissertation, Bologna University (Italy)

1990-1991                CNR (Italian National Research Council) fellowship

1992                        ISS (Italian Institute for Health) fellowship

1993                        La Ligue contre le Cancer fellowship

1994                        EEC Human Capital and Mobility Program fellowship

1995                        Fondation pour la Recherche Médicale fellowship

1996                        Telethon Foundation (Italy) fellowship

2005                        *Jayle* prize of the French Academy of Sciences

2008                        *Cancer* prize of the French Academy of Medicine

### **Professional Positions and Appointments**

|           |  |
|-----------|--|
| 1990      | Visiting scientist at the Laboratory of Genetics – NCI/NIH (Bethesda, USA) |
| 1991-1992 | Post-doctoral scientist at IOR - Bologna University (Italy)                |
| 1992-1994 | Post-doctoral scientist at LGME CNRS-U184 INSERM (Strasbourg, France)      |
| 1994-1996 | Post-doctoral scientist at IGBMC CNRS-INSERM-ULP (Illkirch, France)        |
| 1996-2004 | CNRS Tenured researcher (CR1) at IGBMC CNRS-INSERM-ULP (Illkirch, France)  |
| 2004      | Inserm Research Director (DR2) at IGBMC CNRS-INSERM-ULP (Illkirch, France) |
| 2005 –    | Inserm Research Director (DR2) at IPMC CNRS-UNS (Valbonne, France)         |

### **Invited Visiting Professorships**

|                    |   |
|--------------------|---|
| 15/06 – 15/07/2017 | Visiting Professor, Dept. Experimental and Clinical Biomedical Sciences “Mario Serio”, University of Florence (Italy) |
|--------------------|---|

### **Teaching and Academic Activities**

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|---------------|--|
| 1989          | Teaching in Immunology for students of the Specialization School in Geriatrics, Bologna University (Italy) |
| 2007 and 2013 | Teaching in Endocrinology for PhD students at Université Blaise Pascal, Clermont-Ferrand (France)          |
| 2009 and 2010 | Teaching in Endocrinology for PhD students at Université de Nice – Sophia Antipolis (France)               |
| 2017          | Teaching in Endocrinology for PhD students of the SIGNALIFE LabEx (Nice, France)                           |

### **Member of PhD committees**

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|--|
| Université Blaise Pascal, Clermont-Ferrand (France) - examinator 2001, rapporteur 2005, 2016 |
| Université Claude Bernard, Lyon 1 (France) - rapporteur 2003                                 |
| Université de Nice - Sophia Antipolis (France) - examinator 2008, committee president 2019   |
| Université Paris Diderot (France) - examinator 2011  |
| Université de Rouen (France) - rapporteur 2014   |
| Université Paris Descartes (France) - examinator 2010, rapporteur 2008, 2014, 2015           |
| Florence University (Italy) - rapporteur 2017  |
| Padua University (Italy) - rapporteur 2017   |

### **Member of HDR (Habilitation à Diriger les Recherches) committees**

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|--|
| Université Louis Pasteur, Strasbourg (France) - rapporteur 2005                        |
| Université Blaise Pascal, Clermont-Ferrand (France) - examinator 2010, rapporteur 2007 |
| Université Paris Descartes (France) - examinator 2017, rapporteur 2013 (twice)         |
| University of Würzburg (Germany) - rapporteur 2016                                     |

### **Students and Postdoctoral Fellows supervised**

|           |                         |             |
|-----------|-------------------------|-------------|
| 1999-2002 | Kenji Ohe, MD           | post-doc    |
| 2000-2003 | Sylvia Lehmann          | PhD student |
| 2005-2008 | Giovanna Assis          | PhD student |
| 2005-2009 | Mabrouka Doghman, PhD   | post-doc    |
| 2006-2007 | Juliana De Moura, PhD   | post-doc    |
| 2007-2013 | Abeer El Wakil, PhD     | post-doc    |
| 2009-2010 | Christelle Devader, PhD | post-doc    |
| 2007-2009 | Olfa Khalfallah, PhD    | post-doc    |
| 2010      | Ricardo Yamazaki, PhD   | post-doc    |
| 2011-2014 | Daniela Maluf           | PhD student |

|              |                          |             |
|--------------|--------------------------|-------------|
| 2010-2014    | Perle Latre de Late, PhD | post-doc    |
| 2012-2018    | Carmen Ruggiero, PhD     | post-doc    |
| 2015         | Mariana Paraizo          | PhD student |
| 2015-2018    | Anida Hasanovic          | PhD student |
| 2016-present | Malgorzata Drozd         | PhD student |

### **Institutional Administrative Responsibilities, Committee Memberships and Other Activities**

#### ***Expertise for grant applications***

|               |  |  |
|---------------|--|--|
| 2005-2009     | Agence Nationale de la Recherche ("Blanc" and "Jeunes Chercheurs" programmes) (France) |  |
| 2007          | National Medical Research Council (Singapore)  |  |
| 2008          | Inserm (France)  |  |
| 2009          | NIHR (UK)  |  |
|               | Association Française contre les Myopathies (France)                                   |  |
| 2011          | Université Paris Descartes (France)  |  |
| 2011-2017     | AIRC (Italian Association for Cancer Research) (Italy)                                 |  |
| 2011 and 2017 | UICC International Cancer Technology Transfer Fellowships (ICRETT) programme           |  |
| 2013 and 2014 | International Fund for Research on Congenital Adrenal Hyperplasia (IFCAH)              |  |
| 2014          | Istituto Toscano Tumori (Italy)  |  |
|               | WHRI-ACADEMY (European Union)  |  |
| 2015          | NCBR (Poland)  |  |
| 2015 and 2018 | Ministry of Health (Italy)   |  |
| 2016          | Barts Charity (UK)   |  |
| 2017          | Rosetrees Trust (UK)   |  |

#### ***Other expertises***

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| 2013 | Member of the committee appointed by the French Ministry of Research to develop scientific and technological collaboration between France and Brazil |  |
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### **Professional and Society Memberships**

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|-----------|---|
| 2007-     | Endocrine Society member  |
| 2008-     | European Society of Endocrinology member                        |
| 2010-     | European Network for the Study of Adrenal Tumors (ENS@T) member |
| 2014-2016 | Member of the ENS@T ACC Working group Scientific Advisory Board |
| 2018-     | Member of the ENS@T ACC Working group Scientific Advisory Board |

### **Research Interests**

- Development, function and pathology of the adrenal cortex
- Transcriptional and post-transcriptional regulation of gene expression
- Endocrine oncology
- Pharmacology

### **Publications and Editorial Activities**

More than 130 papers published in peer-reviewed journals (*h*-index=42)

Member of the Editorial Board of the *Journal of Clinical Endocrinology and Metabolism* (2013-2018), *Molecular and Cellular Endocrinology* (2009-), *American Journal of Cancer Research* (2010-), *World Journal of Medical Genetics* (2011-), *World Journal of Stem Cells* (2011-), *Frontiers in Molecular and Structural Endocrinology* (2016-).

Co-editor of the Special Issues of *Molecular and Cellular Endocrinology* (2011) and *Hormones and Cancer* (2012) dedicated to "Adrenal Cancer". Editor of the Special Issues of *Molecular and Cellular Endocrinology* dedicated to "Animal Models in Endocrine Neoplasia" (2016), "Small non-coding RNAs in endocrinology" (2017) and "Molecular Chaperones" (in preparation).

*Ad hoc* reviewer for: *American Journal of Hypertension, BioEssays, Biology, Biochemical Pharmacology, Biochimica et Biophysica Acta, BMC Cancer, BMC Medical Genomics, British Journal of Cancer, Case Reports and Studies, Clinical Cancer Research, Cold Spring Harbor Molecular Case Studies, EMBO Journal, Endocrine, Endocrine-Related Cancer, Endocrinology, European Journal of Biochemistry, European Journal of Endocrinology, Expert Opinion on Emerging Drugs, Expert Opinion on Orphan Drugs, Expert Review of Endocrinology & Metabolism, FEBS Letters, Frontiers in Endocrinology, Frontiers in Neuroscience, Future Oncology, Gene, Hormone and Metabolic Research, Hormone Research in Pediatrics, Hormones and Cancer, Human Mutation, International Journal of Cancer, International Journal of Endocrinology, Journal of Clinical Endocrinology and Metabolism, Journal of Clinical Investigation, Journal of the Endocrine Society, Journal of Endocrinology, Journal of Molecular Endocrinology, Journal of Pediatric Endocrinology and Metabolism, Journal of Pediatric Hematology and Oncology, Journal of Proteome Research, Journal of Steroid Biochemistry and Molecular Biology, Journal of the Endocrine Society, Journal of Visualized Experiments, Molecular Cancer, Molecular and Cellular Biochemistry, Molecular and Cellular Endocrinology, Molecular Endocrinology, Molecular Genetics and Metabolism, Molecular Oncology, Nature Reviews Endocrinology, Nucleic Acids Research, Oncogene, Oncotarget, Pharmacogenomics, PLoS Genetics, PLoS One, Science of the Total Environment, Scientific Reports, Targeted Oncology, Trends in Endocrinology and Metabolism, Tumor Biology, World Journal of Gastroenterology, World Journal of Radiology, Xenobiotica*

#### **Invited Presentations at International Meetings**

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|------|--|
| 1995 | Molecular basis of disease - Defects in signal transduction components Symposium - Rauschholzhausen Castle (Germany)   |
| 1996 | First joint BBSRC/CNRS Meeting "Intracellular signalling from plants to mammalian cells" - Villefranche-sur-Mer (France)   |
| 1998 | 11th Protein Kinase Seminar - Cyclic nucleotide-dependent signalling mechanisms - Bergen (Norway)  |
| 2004 | II International Symposium on Molecular Genetics, Environment and Epidemiology of Cancer - Curitiba (Paraná, Brazil)<br>7th EFES Postgraduate Course in Molecular and Cellular Endocrinology – Berlin (Germany)            |
| 2006 | NOVUM Lecture on Intracellular Signalling – Karolinska Institute, Stockholm (Sweden)   |
| 2008 | 2nd Annual International Adrenal Cancer Symposium – University of Michigan, Ann Arbor MI (USA)   |
| 2009 | 52es Journées Internationales Endocrinologie Clinique H.P. Klotz – Paris (France)<br>International Symposium on Adrenal Tumors – Padua (Italy)<br>IV International Symposium on Adrenocortical Tumors – São Paulo (Brazil) |
| 2010 | Adrenal 2010 meeting – San Diego (California, USA)   |
| 2011 | 3rd International Adrenal Cancer Symposium - Würzburg (Germany)<br>Rencontre nationale d'endocrinologie Cochin - Paris (France)<br>Progress in Primary Aldosteronism 2 - Munich (Germany)                                  |
| 2012 | br.BIO.fr meeting - Paris (France)<br>ICE/ECE meeting - Florence (Italy)<br>3 <sup>ème</sup> Forum d'Endocrinologie Moléculaire - Paris (France)   |

|      |   |
|------|---|
|      | Adrenal 2012 meeting – Houston TX (USA)   |
| 2013 | Fourth International Symposium on Adrenal Cancer – Paris (France)<br>International Symposium on Nanobiotechnology - Curitiba (Paraná, Brazil)                             |
| 2014 | Adrenal 2014 meeting – Chicago IL (USA)   |
| 2015 | Fifth International Symposium on Adrenal Cancer – Ann Arbor MI (USA)  |
| 2016 | Adrenal 2016 meeting – Boston MA (USA)<br>Immunobiology, immunotherapy and new therapeutic perspectives in<br>adrenocortical carcinoma – São Francisco do Sul SC (Brazil) |
| 2017 | Tumeurs cortico-surréaliennes et Hyperandrogénies de l'enfant – Lyon (France)<br>Sixth International Symposium on Adrenal Cancer – São Paulo SP (Brazil)                  |
| 2018 | ENDO 2018 – Chicago IL (USA)  |
| 2019 | Seventh International Symposium on Adrenal Cancer – Clermont-Ferrand (France)<br>BIOINFOMICS 2019 – Cayo Santa Maria (Cuba)   |

### Research Grants Awarded

|           |  |
|-----------|--|
| 2002      | CNRS Jeunes Equipes “ <i>DAX-1 function in adrenal development and function</i> ”<br><b>(25.000 €)</b>   |
| 2004-2007 | CNRS ATIP, category "Blanche" “ <i>Molecular mechanisms implicated in steroid<br/>hormone biosynthesis and sex determination in mammals</i> ” <b>(138.000 €)</b>   |
| 2004      | Fondation Recherche Médicale Implantation Nouvelle Equipe “ <i>Molecular<br/>mechanisms implicated in steroid hormone biosynthesis and sex determination<br/>in mammals</i> ” <b>(45.438 €)</b>  |
| 2006-2007 | Association Recherche sur le Cancer Subvention libre N° 3142 “ <i>Molecular<br/>mechanisms implicated in the pathogenesis of adrenocortical tumors</i> ” <b>(125.000<br/>€)</b>  |
| 2008      | Association Française contre les Myopathies N° 13449 “ <i>Role of the DAX-1<br/>nuclear receptor in the regulation of embryonic stem cell renewal and<br/>neuromuscular differentiation</i> ” <b>(10.000 €)</b>                          |
| 2008      | Conseil Général Alpes Maritimes “ <i>Molecular mechanisms implicated in the<br/>pathogenesis of children adrenocortical tumors and new therapeutic tools</i> ”<br><b>(40.000 €)</b>  |
| 2009-2012 | Agence Nationale de la Recherche GENOPAT program N° ANR-08-GENOPAT-021<br>“ <i>Role of TASK potassium channels in adrenocortical functional zonation and the<br/>physiopathology of hypertension (HypertenTASK)</i> ” <b>(263.484 €)</b> |
| 2009-2012 | Institut National du Cancer Projets libres-Recherches biomédicales N° 2008-045<br>“ <i>Role of transcription factor SF-1 and its target genes in adrenocortical<br/>tumorigenesis</i> ” <b>(309.783 €)</b>                               |
| 2010-2012 | National Institutes of Health N° R03 DA030558-01 “ <i>Screening for inhibitors of<br/>orphan nuclear receptor DAX-1</i> ” <b>(53.190 \$)</b>   |
| 2011-2016 | European Commission FP7 N° 259735 “ <i>European Network for the Study of<br/>Adrenal Tumours -Structuring clinical research on adrenal cancers in adults<br/>(ENS@T-CANCER)</i> ” <b>(187.624 €)</b>                                     |
| 2012      | Association Recherche sur le Cancer Project N° SFI20111203563 “ <i>Role of VAV2,<br/>a novel target gene of transcription factor SF-1, in the pathogenesis of<br/>adrenocortical tumors</i> ” <b>(25.000 €)</b>                          |

- 2012-2016 Agence Nationale de la Recherche Blanc SVSE1 program N° ANR-11-BSV1-005-01 *"Genes and signalling pathways regulating aldosterone production: implications for the pathogenesis of primary hyperaldosteronism (BeyondTASKs)" (260.268 €)*
- 2015-2020 Agence Nationale de la Recherche generic program N° ANR-15-CE14-0017-01 *"Mechanisms of LOCAL control of ALDOsterone production in the adrenal gland and their relevance for the the pathogenesis of primary hyperaldosteronism (LOCALDO)" (206.083 €)*
- 2016-2017 Fondation de France Recherche fondamentale et clinique sur le cancer N° 00057927 *"A new strategy to antagonize the resistance of adrenocortical cancer cells to chemotherapy by inhibition of the membrane protein Patched" (154.000 €)*
- 2018-2019 Agence Nationale de la Recherche MRSEI program N° ANR-17-MRS5-0003-01 *"Genetic and environmental factors modulating cancer penetrance in carriers of the R337H TP53 germline mutation: implications for public health (337-CANCER)" (30.000 €)*

#### Excellence Projects

- 2012-2019 Agence Nationale de la Recherche LabEx program N° 11-LABX-0028 *"Innovation Network on Signalling Pathways in Life Sciences (SIGNALIFE)" (1.5 PhD fellowships)*

#### Coordination of International Research Projects

- 2003-2006 CAPES – COFECUB research project N° 419/03, *"Role of transcription factors SF-1 and DAX-1 in the pathogenesis of childhood adrenocortical tumors"*, in collaboration with the Federal University of Paraná, Curitiba (Brazil)
- 2004-2005 Inserm – FRSQ project, *"Role and regulation of transcription factor DAX-1 in the human foetal adrenal"*, in collaboration with Sherbrooke University, Québec, Canada
- 2007-2009 CNRS Projet International de Coopération Scientifique (PICS) N° 3639 *"Molecular mechanisms implicated in the pathogenesis of childhood adrenocortical tumors"*, in collaboration with the Pequeno Principe Hospital, Curitiba (Paraná), Brazil
- 2007-2009 Ministère des Affaires Etrangères ARCUS project *"Risks to develop childhood adrenocortical tumors: genes and mechanisms"*, in collaboration with the Pequeno Principe Hospital, Curitiba (Paraná), Brazil
- 2009-2010 Ministère des Affaires Etrangères Imhotep project *"Impact of mechanisms controlling adrenal functional zonation on the physiopathology of arterial hypertension"*, in collaboration with the University of Alexandria, Egypt
- 2011-2018 CNRS International Associated Laboratory (LIA) *"Gene expression alterations in children neoplasms (NEOGENEX)"*, in collaboration with the Pequeno Principe Hospital, Curitiba (Paraná), Brazil
- 2019-2022 CNRS International Associated Laboratory (LIA) *"Exposome, genetics and cancer: Southern Brazil as a model (EXPOGEN-CANCER)"*, in collaboration with the Pequeno Principe Hospital, Curitiba (Paraná), Brazil and the St. Jude Children's Research Hospital, Memphis TN, USA

Data

26/02/19

Luogo

Nizza