

Revised 14/07/23

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CURRICULUM VITAE ET STUDIORUM

Anna Rita Franco Migliaccio

ACADEMIC APPOINTMENTS

Professor of Histology and Embryology 01/06/2021-present
Università Campus Bio-Medico
di Roma, Italy

Senior Investigator 01/06/2021-present
Altius Institute for Biomedical Sciences
Seattle, USA

Full Professor
"Chiara Fama"
Istologia ed Embriologia
Faculty of Medicine
University Alma Mater
Bologna, Italy 11/03/2014-31/05/2021

Professor of Medicine
Tisch Cancer Institute
Mount Sinai School of Medicine
New York, NY, USA 9/01/2007 04/27/2018

Professor of Medicine
Department of Medicine
University of Illinois at Chicago Chicago, IL, USA 11/16/06-09/30/07

Visiting Associate Professor
Department of Pathology
University of Illinois at Chicago
Chicago, IL, USA 08/15/2005-08/15/2006

Director of Research in Transfusion Medicine

CURRICULUM VITAE; Anna Rita Migliaccio Ph.D.

Istituto Superiore di Sanità
Rome, Italy 10/20/98-11/02/2014

Associate Member and Co-director
Laboratory of Hematopoietic Growth Factors
New York Blood Center, NY, USA 1992-1997

Associate Investigator
Istituto Superiore di Sanità
Rome, Italy 1/1/94-10/20/98

Associate Investigator
Laboratory of Hematopoietic Growth Factors
New York Blood Center, NY, USA June 1989-1992

Investigator
Istituto Superiore di Sanità
Rome, Italy 1/1/85-12/31/93

EDUCATION

PhD in Natural Science (110/110 cum laude)
University of Naples, Naples, Italy 1972-1975

PhD in Biological Science (110/110 cum laude)
University of Naples, Naples, Italy 1975-1977

Visiting scientist,
Istituto di Patologia Medica
Il Policlinico di Napoli, Naples
(Supervisor Prof. C. Peschle) 1978-1981

**EURATOM Fellowship in Radiobiology
of the Hematopoietic System**
Radiobiological Institute, TNO
Rijswijk, The Netherlands
(Supervisor Prof. G. Wagemaker) 1982-1983

EORTC fellowship in Hematology
Division of Hematology, Department of Medicine
University of Washington, Seattle, WA
(Supervisor Prof. JW. Adamson) 2/2/1987-2/8/1988

OTHER PROFESSIONAL APPOINTMENTS

Elected Positions in Scientific Society
Counselor, International Society of Experimental Hematology 1999-2001
Member, Fellowship Committee of EHA 2010-todate

INSTITUTIONAL RESPONSABILITIES

Graduate Medical Student Advisor, University Campus Bio-medico, Rome (I);
2022-2023

Member, Doctoral School Committee, Bioengineering and Bioscience University,
Campus Bio-Medico, Rome (I); 2022-2023

Member-consultant, Preclinical Research Committee with responsibility for
executive oversight of the preclinical Research Strategy within the University
2022-2023

Consultant for extramural research with academic institutions and research
centers 2022-2023

Editorial Boards:

Editor, Hematology today	2025
Associate Editor, Biomolecules	2019-todate
Associate Editor, Frontiers in Physiology	2019-todate
Associate Editor, Experimental Hematology	2017-todate
Member, Experimental Hematology	2014-2017
Member, Experimental Hematology	1992-1995
Associate Editor, Frontiers in Cancer Molecular Targets Therapy	2011-todate
Guest Editor, Special Issue of "Citation Classics",	
Lead Editor, Special Issue of Stem Cell International	
"Ex Vivo generated Red Blood Cells as Transfusion Product"	2011
Member, Haematologica	2014-todate
Member, American Journal of Blood Research	2012-todate
Member, American Journal of Stem Cells	2012-todate
Member, F1000 Research	2012-todate
Member, Blood	2008-2016
Member, Blood	1996-2001
Member, Current Stem Cell Research and Therapy	2005-todate
Member, Stem Cells	2004-todate
Member, International Journal of Hematology	1994-1999
Associated Editor, Experimental Hematology	2017-2027
Section Head for Hematopoiesis Faculty Opinions	2022-to date
Editor for Red Cells, Iron and Erythropoiesis	
of Frontiers in Hematology	2022-to date
Editor Frontiers in Oncology	2022-to date
Editor with Ronald Hoffman of a special issue of	
<i>International Journal of Molecular Sciences</i> (ISSN 1422-0067),	
that belong to the section "Molecular Pathology,	
Diagnostics, and Therapeutics"	2022-2024
Editor in Chief Special Issue "Red Cells, Iron and Erythropoiesis"	
Frontiers in Physiology	2022-to date

Scientific Review Committees:

Member of the Blood, Heart and Vasculature Study Section (BBHV),	
NIH	2022-2026
Grant Review Panels for the European Committee	2001-todate
CNR-FIRB (Ministry of Science, Italy)	2002-todate
INSERM, (Paris, France)	2004-todate
The Netherlands Organization for Health Research	
and Development (The Netherlands)	2005-todate
ASH, member abstract review category Red Cell and Thalasemia	2013
ASH, chairman abstract review category Red Cell and Thalasemia	2014
NIH. RFA for pilot grants for Multidisciplinary Research	
Development Initiative from the Department of Medicine	2015
NIH, Special Emphasis Panel for R01 targeting health in minorities	
Italian Ministry of Health – Member of the study section	2015
NIH, Special Emphasis Panel for Diversity K01 awards	2015
Ministry of Health, Italy, Quality control of 2014 Reviewers' Comments	2015

CURRICULUM VITAE; Anna Rita Migliaccio Ph.D.

Ministry of Health, Italy, Member, review panel for Finalized Projects	March 2015
Reviewer for VQR 2011-2014, CINECA	2016
NHLBI, Member of the PTG review	Feb 23 rd , 2016
EU Marie-Curie Training grants	March 2016
NIH, regular member for the Molecular and Cellular Study Session	Jun 2016
EU 2020, Member of review panel for Research grants	Oct 2016
Reviewer for research projects submitted to University of Padova and Verona and to Singapore's Science and Engineering Research Council	2018
EU 2020, Member of review panel for Research grants	March 2018
Member, review panel of the EU projects submitted to ERAPerMed	Sept 2018
Commissario Nazionale per il conferimento dell'Abilitazione Scientifica Nazionale Bio/17	2018-2020
Member, review projects for the call ICPeMed Recognition, Ministero della Salute	2019
Editor of project reviews for "Ricerca Finalizzata 2018", Ministero della Salute	Jan 2019
Member of "selezione 215 RUTD-A", Unibo	Feb-Apr 2019
Member, review panel of the EU projects submitted to ERAPerMed	March 2019
Member nomination committee ISEH 2019-2020	
NIH, ad hoc member for the Molecular and Cellular Study Session	Oct 2015
NIH, ad hoc member for the Molecular and Cellular Study Session	Feb 2019
NIH, ad hoc member for the Molecular and Cellular Study Session	Feb 2020
NIH, ad hoc member for the Molecular and Cellular Study Session	Oct 2020
Vice Chair of the review panel for H2020-MSCA-IF-2019	2019-2020-2021
Member of the review panel for H2020.MSCA-TNT	2021
External Expert assisting REA	Sept-Dec 2020
NIH, Ad hoc Member, ZRG1 VH-B, "Basic Biology of Blood, Heart and Vasculature"	2021
Reviewer for the French CNR	2021
Member review panel Marie-Curie TNT Training Network	2019-2022
Vice Chair, review panel Marie-Curie individual Fellowships	2019-2022

ADMINISTRATIVE LEADERSHIP APPOINTMENTS

Italy

Course director/co-director (teaching)

Scientific Committee of the EHSCCA-ISS Meeting: Stem cell therapy of inherited haematopoietic disorders: State of the art and Future perspectives Rome, Italy	May 14 th , 1996
Scientific Committee of the Workshop: "Prevenzione dei Fattori di Rischio della Salute Materno-Infantile" Rome, Italy	Dec 15-19, 1997
Scientific Committee of the Workshop: "Terapia delle Malattie ereditarie con trapianto in Utero. Necessità di una transizione programmata dalla teoria alla pratica", Istituto Superiore di Sanità, Rome, Italy.	Dec. 19 th , 1998
Scientific Committee and local organizer of the International Workshop: "Cell therapy in 2001", Istituto Superiore di Sanità Rome, Italy	Oct 15-17, 2001
Scientific Committee and local organizer of the International Workshop: "Animal models of human Hemopoiesis", Istituto Superiore di Sanità, Rome, Italy	June 7 th , 2002

CURRICULUM VITAE; Anna Rita Migliaccio Ph.D.

Director, The stem cells: from theory to clinics,
Advanced Course of Scuola Superiore di Immunologia
Ruggero Ceppellini, Naples, Italy Oct 16-20, 2003
Director, International Workshop: Molecular Control of Proliferation
and Differentiation of hemopoietic cells, Istituto Superiore di
Sanità, Rome, Italy Dec 16-17, 2005
Director, International Workshop: “Blood from Progenitors
Ex-Vivo”, Istituto Superiore di Sanità, Rome, Italy Sept 19th, 2011
Guest speaker Istituto Superiore di Sanita, Convegno; Rome, Italy,
Francesco Antonio Manzoli, LaVita, La didattica, la ricerca, Dec 9th, 2015
Scientific committee of the Workshop: “Translational Research for
Myeloproliferative Disorders: from Animal Models to Clinical Trials”,
Istituto Superiore di Sanità, Rome, Italy April 24th, 2018

International

Hematopoietic Growth Factors Subcommittee, American Society of
Hematology 1996-2000
Red Cell SubCommittee, American Society of Hematology 2010-2014
Local Organizing Committee of the 25th ISEH Meeting, New York,
NY, USA. 1996
Scientific Committee, CNR-EC Practical Training Course:
“Advanced Technologies for Stem Cell Growth and Development”,
Pisa, Italy May 27th – June 7th 2002
International Scientific Committee, 32nd Annual Meeting of the
International Society of Experimental Hematology , Paris, France July 5-8, 2003
Co-Director, EU Workshop, EUrythron, The making of a red cell,
Rome, Italy, Sept 22-23, 2005
NHLBI Red Blood Cells Working Group 2014
Member of the Working Group on the road map for future research in
Transfusion Medicine of EHA 2015
Member of the Organizing RBC Working Group appointed by
NHLBI to organize the State of the Science Symposium in Transfusion
Medicine (TM); March 25th – 26th 2015
International Interlab Meetings
(Co-organized with Profs. R. Hoffman and AM Vannucchi) 2022-todate

Member of Scientific Societies:

American Society for Hematology 1989- present
International Society for Experimental Hematology 1986- present
American Society of Gene Therapy 1997- present
European Hematology Association 1997- present
International Society of Stem Cell Research 2000 - present
Bologna Academy of Science, Bologna, Italy 2013 - present
Italian Society for anatomy and histology 2017- present
Member of Italian Society of Hematologic Oncology (SOHO ITALY) 2020

HONORS/AWARDS/PATENT

- **2020 International Patent WO2019/171326 A1**: Use of an anti-P-selectin antibody. Applicant: Novartis. Inventor: Anna Rita Migliaccio
- **2006 patent A61K38/15 (2006.01)**, Positive results obtained from Tests carried out with the use of Aplidine, for therapeutic purposes for the treatment of myelofibrosis, have allowed the award of the patent. The results were published: Verrucci M, Pancrazzi A, Aracil M, Martelli F, Guglielmelli P, Zingariello M, Ghinassi B, D'Amore E, Jimeno J, Vannucchi AM, Migliaccio AR. CXCR4-independent rescue of the myeloproliferative defect of the Gata1^{low} myelofibrosis mouse model by Aplidin. J Cell Physiol. 2010 Nov;225(2):490-9. doi: 10.1002/jcp.22228. PMID: 20458749; PMCID: PMC3780594.
- **2004 USA patent no: 6960473** "In vitro mass production of cells from blood" **2003 Canadian patent no. 2462404** "Amplification of human T cells from human cord blood in serum deprived culture stimulated with stem cell factor, interleukin-7 and interleukin-2"
- **Invited by Scientific Committee of Blood Transfusion, ASH Presentation** Anna Rita Migliaccio, Carolyn Whitsett, and Giovanni Migliaccio: Expansion of Red Blood Cells for Transfusion Blood (ASH Annual Meeting, Nov 2010; 116: SCI-46)
- **2013 Golden Medal to the Scientific career from the Bologna Academy of Science, Bologna, Italy May 13th – 16th, 2015** American Society of Gene Therapy, 18th Annual Meeting (ASGCT), Invited guest speaker of the education Session "Emerging Field Review: Regenerative Medicine", Title of Talk: The Potential of Stem Cells as an in Vitro Source of Red Blood Cells for Transfusion – New Orleans
- **2016 Prize "Napoli c'è" for emeritous scientific achievements as scholar of The University of Naples**
- **May 25 2018** Invited guest speaker of the Annual Meeting of the Italian Society for Transfusion Medicine and Immunotherapy (SIMTI): "Transfusion alternatives: future perspectives"
- **Nov. 5th – 6th 2015** Zingariello M, Martelli F, Bosco D, Rana RA, Whitsett C, Lewandowski D, Spangrude GJ, Migliaccio AR, "Myelofibrosis-related stem cells in the spleen arise from an induction by their megakaryocytic progeny"; 2nd prize for best abstract for the 8th International Congress on Myeloproliferative Neoplasms, Myelodysplasia and Chronic Myeloid Leukemia

Qualifications for teaching in the national territory

Biologia Applicata; Area 05/F1 SSD BIO/13 Abilitazione Scientifica Nazionale 2012/2013, Prima Fascia, validità dal 22/01/2014 al 22/01/2020

Istologia; Area 05/H2 SSD BIO/17 Abilitazione Scientifica Nazionale 2012/2013, Prima Fascia, validità dal 10/01/2014 al 10/01/2020

Patologia Generale; Area 06/A2 SSD Med/04 Abilitazione Scientifica Nazionale 2012/2013, Prima Fascia, validità dal 08/01/2014 al 08/01/2020

GRANT AND CONTRACT SUPPORT

Present Grants:

List	Role in Project	Dates	Direct Costs
National Cancer Institute CA108671-11-16: MPD Research Consortium, PI Ronald Hoffman	PI of Project 2	2023-2028	\$250,000/year
Associazione Italiana Ricerca Cancro (AIRC IG23525) Contributions of cytokines to the etiology and progression of primary myelofibrosis	PI	2020-2024	€100.000/year
“Pre-clinical study in the Gata1Low mouse model of the inhibitory efficacy of interleukin-8 for the treatment of idiopathic pulmonary fibrosis”	Dompè	2020/2023	€100,000/ Year
NHLBI (5R01HL134684-02) Generation of cultured RBCs with rare phenotypes for transfusion from sources usually discarded during regular blood donations	PI	2018-2023	\$125.000/year
Dompè	PI	2023-2024	\$125.000
MORPHICS Therapeutics	PI	2023-2025	\$250.000

Past Grants (partial list starting from 2005):

EC FP-6 Marie-Curie Research Training Network “EUrythron”	Investigator	2005-2008	€ 100.000/year
Program Projects from the Italian Ministry for Research and University (MIUR) “Alterations of the hemangioblast in Idiopathic Myelofibrosis”	Co-PI	2006-2008	€ 50.000/year
PHARMA MAR S.A. Sociedad Unipersonal Madrid, Spain “Studies on the effects of Aplidin® on angiogenesis in a	Co-PI	2006-2008	€ 25.000/year

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murine model of myelofibrosis, the GATA-1 ^{low} mice”			
National Cancer Institute CA108671-01-04: MPD Research Consortium, PI: Ronald Hoffman	PI of Project 4	2006-2010	\$200.000/year
National Cancer Institute CA108671-05-10 MPD Research Consortium, PI: Ronald Hoffman	PI of Project 4	2011-2023	\$ 250.000/year
Anticancer League	Co-PI	2007-2009	€ 60.000/year
NY-STAR	PI	2007-2010	\$167.000/year
Italian Effort on Doping La policitemia congenita come modello per la caratterizzazione degli effetti molecolari e clinici del trattamento cronico con EPO	Co-PI	2009-2010	€ 20.000/year
Centro Nazionale Sangue “La fattibilità per la produzione industriale di eritroblasti umani per transfusione”	P1	2010-2013	€ 50.000/year
Progetti di Ricerca Italia-USA “Mouse models of myelofibrosis”	PI	2010-2012	€ 50.000/year
Associazione Italiana Ricerca Cancro “Mouse models of myelofibrosis”	PI	2011-2014	€ 100.000/year
NHLBI/R01 HL116329-01 “The human glucocorticoid receptor and normal and pathological terminal erythroid maturation”	PI	2012-2016	250.000/year
Centro Nazionale Sangue Validazione di cellule eritroidi espuse in vitro da donatori rari come “reagent red cells”	PI	2013-2014	€ 50.000/year
Associazione Italian Ricerca Cancro (AIRC 17608) Role of TGF-β in the Pathogenesis of Myelofibrosis	PI	2016-2019	€100.000/year
Novartis	PI	2019-2020	\$160.997
Formation Biologics	PI	2019-2020	\$97.356

LIST OF PUBLICATIONS (Abstracts not included)

H-index = 40 (calculated by Scopus); 6925 total citations

Chapters in Books

1. Peschle C, Migliaccio G, **Migliaccio AR**, Covelli A, Giuliani A, Mavilio F, Mastroberardino G. Hemoglobin switching in humans. In: Current Concepts in Erythropoiesis, Dunn, C. (Ed.). London: Wiley, 1983.
2. Migliaccio G, **Migliaccio AR**. The kinetics of hematopoiesis in the human yolk sac. In: The Human Yolk Sac, Nogales, F, (Ed.). Heidelberg, Springer-Verlag, 1993; pp. 52. 70.
3. Migliaccio G, **Migliaccio AR**. Serum-deprived cultures of primary hemopoietic cells. In: Culture of specialized cells. Vol.2: Culture of hemopoietic cells. Freshney RI, Pragnell IB, Freshney MG (Eds.). Wiley-Liss, 1994; pag. 81.
4. **Migliaccio AR**, Migliaccio G, Adamson JW. Erythroid cells. In: Hemopoietic lineages: Regulation of cell production and development. Dexter M, Testa N, Lord B. (Eds.). New York, Marcel Dekker (Ed.), 1997 pp. 107-128.
5. **Migliaccio AR**, Papayannopoulou Th. Erythropoiesis. In "Disorders of Hemoglobin, Genetics, Pathophysiology, Clinical Management. Steinberg MH, Forget BG, Higgs D, Nagel (Eds). 2001; pp 52-71.
6. **Migliaccio AR**, Papayannopoulou Th. Erythropoiesis and the normal red cell. In Oxford textbook of Medicine. Warrell, Cox, Firth, Benz, (Eds). Oxford University Press, Fourth edition 2003;3:634-639.
7. Papayannopoulou Th, Abkowitz J, D'Andrea A, **Migliaccio AR**. Biology of erythropoiesis, erythroid differentiation and maturation in: Hematology: Basic Principles and Practice. Hoffman R, Benz EJ, Shattil SJ, Furie B, Cohen HJ, Silberstein LE, McGlave P, (Eds.) Elsevier, Philadelphia, PA, USA, 4th Edition, 2005; pp. 267-288.
8. Papayannopoulou Th, Abkowitz J, D'Andrea A, **Migliaccio AR**. Biology of erythropoiesis, erythroid differentiation and maturation in: Hematology: Basic Principles and Practice. Hoffman R, Benz EJ, Shattil SJ, Furie B, Cohen HJ, Silberstein LE, McGlave P, Heslop H (Eds) Elsevier, Philadelphia, PA, USA, 5th edition, 2008; pp.276-299.
9. Papayannopoulou Th, Abkowitz J, D'Andrea A, **Migliaccio AR**. Biology of erythropoiesis, erythroid differentiation and maturation in: Hematology: Basic Principles and Practice. Hoffman R, Benz EJ, Shattil SJ, Furie B, Cohen HJ, Silberstein LE, McGlave P, Heslop H (Eds) Elsevier, Philadelphia, PA, USA, 6th edition, 2010; pp.276-299.,Chapter 24th.
10. Papayannopoulou T, **Migliaccio AR**, Biology of Erythropoiesis, Erythroid Differentiation, and Maturation in: Hematology: Basic Principles and Practice. Hoffman R, Furie B, Benz E, McGlave P, Silberstein LE, Shattil SJ, Churchill Livingstone Elsevier, Philadelphia, PA, 2011; pp 258-279.
11. **Migliaccio AR**, Whitsett C and Migliaccio G. Red Cells from Stem Cells In; Chemistry and Biochemistry of Oxygen Therapeutics from Transfusion to Artificial

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- Blood. Mozzarelli A, Bettati S (Eds), Wiley and Sons, Ltd Chichester, England, 2011, Vol 19, pp 19.1-19.15 (not in PubMed)
12. **Migliaccio AR**, Grazzini G, Hillyer CD (Editors). Ex vivo generated red cells as transfusion products. *Stem Cells Int.* 2012; 2012:615412.
 13. **Migliaccio AR**, Whitsett, C. Erythrocytes. 2013 In: eLS. John Wiley & Sons Ltd, Chichester. <http://www.els.net> [doi: 10.1002/9780470015902.a0001128.pub2]
 14. Papayannopoulou T, **Migliaccio AR**; Erythropoiesis and the normal red cell; Oxford textbook of medicine 5e online; Firth J, Cox T, Warrell D; Oxford University Press, Oxford, UK. 2015
 15. **Migliaccio AR**; Papayannopoulou, T; Cord Blood Hematopoiesis: The Road to Transplantation; Cord Blood Stem Cells Medicine. <http://dx.doi.org/10.1016/b978-0-12-407785-0.00003-7>
 16. Papayannopoulou T, **Migliaccio AR**, Biology of Erythropoiesis, Erythroid Differentiation, and Maturation in: Hematology: Basic Principles and Practice. Hoffman R, Benz E, Silberstein LE, Heslop EE, Weitz JI, Anastasi J, Salama ME, Abutalib SA. Churchill Livingstone Elsevier, Philadelphia, PA, Seventh Edition, 2018; pp 297-320, <https://doi.org/10.1016/B978-0-323-35762-3.00026-3>
 17. **Migliaccio AR**: Hematopoiesis and the hematopoietic stem cell. In: "Hematology, pathophysiology, Diagnosis and Treatment"; Sante Tura, Michele Cavo and Pier Luigi Zinzani Editors. Publisher: Società Editrice Esculapio, 2018.
 18. **Migliaccio AR**, Bani D., Nuove frontiere dell'Istologia, cap 2 in Mattioli Belmonte M. et al., ISTOLOGIA UMANA. Idelson-Gnocchi Editore; Napoli, 2020
 19. Papayannopoulou T, **Migliaccio AR**, Biology of Erythropoiesis, Erythroid Differentiation, and Maturation in: Hematology: Basic Principles and Practice. Hoffman R, Benz E, Silberstein LE, Heslop EE, Weitz JI, Anastasi J, Salama ME, Abutalib SA. Churchill Livingstone Elsevier, Philadelphia, PA, Eighth Edition, 2022; in press

Peer Reviewed Journals

A complete list of peer reviewed publications may be found to My Bibliography:
<http://www.ncbi.nlm.nih.gov/sites/myncbi/annarita.migliaccio.1/bibliography/40626660/public/?sort=date&direction=ascending>

20. Parisi G, D'Amora D, Franco AR. Pterin and ommochrome pigments in *Drosophila melanogaster*: phenocopy of the mutant mal from the double mutant mal v. *Insect Biochem* 1977;7:1. doi.org/10.1016/0020-1790(77)90047-6
21. Peschle C, Migliaccio G, **Migliaccio AR**, Lettieri F, Russo G, Gianni AM, Ottolenghi S, Comi P, Giglioni B. Erythropoietic differentiation in humans: *in vitro* studies on erythroid progenitors and Hb synthesis in fetal, newborn and adult life. *Exp Hemat* 1980;8:153-9. PMID: 7349637
22. Gianni AM, Comi P, Giglioni B, Ottolenghi S, **Migliaccio AR**, Migliaccio G, Lettieri F, Maguire YP, Peschle C. Biosynthesis of Hb in individual fetal liver bursts: gamma-chain production peaks earlier than beta-chain in the erythropoietic pathway. *Exp Cell Res* 1980;130:345-52. PMID: 6161020 DOI: 10.1016/0014-4827(80)90011-7
23. Peschle C, Migliaccio G, Covelli A, Lettieri F, **Migliaccio AR**, Condorelli M, Comi P, Pozzoli ML, Giglioni B, Ottolenghi S, Cappellini MD, Polli E, Gianni AM.

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- Hemoglobin synthesis in individual bursts from normal and adult blood: all bursts and subcolonies synthesize G gamma and A gamma globin chains. *Blood* 1980;56:218-26. PMID: 6156727
24. Rossi GB, **Migliaccio AR**, Migliaccio G, Lettieri F, Di Rosa M, Mastroberardino G, Peschle C. *In vitro* interactions of PGE and cAMP with murine and human erythroid precursors. *Blood* 1980;56:74-9. PMID: 6248152 DOI: 10.1182/blood.V56.1.74.bloodjournal56174
 25. Peschle C, Migliaccio G, Lettieri F, **Migliaccio AR**, Ceccarelli R, Barba P, Titti F, Rossi GB. Kinetics of erythroid precursors in mice infected with the anemic or the polycythemic strain of Friend virus. *Proc Natl Acad Sci USA* 1980;77:2054-8. PMID: 6929538 PMCID: PMC348650 DOI: 10.1073/pnas.77.4.2054
 26. Comi P, Giglioni B, Pozzoli ML, Ottolenghi S, Gianni AM, **Migliaccio AR**, Migliaccio G, Lettieri F, Peschle C. Biosynthesis of globin chains in fetal liver and adult marrow cultures. Comparative analysis of individual colonies derived from early, intermediate or late erythroid progenitors. *Exp Cell Res* 1981;133:347-56. PMID: 6165596 DOI: 10.1016/0014-4827(81)90327-x
 27. Peschle C, **Migliaccio AR**, Migliaccio G, Lettieri F, Quattrin S, Russo G, Mastroberardino G. Identification and characterization of three classes of erythroid progenitors in human fetal liver. *Blood* 1981;58:565-72. PMID: 7259837
 28. Peschle C, Rossi GB, Covelli A, Migliaccio G, **Migliaccio AR**, Mastroberardino G. The early stage of Friend virus erythroleukemias: mechanism underlying BPA-“independent” *in vitro* growth of BFU-E. *Haematol. & Blood Transf* 1983;28:403-6. PMID: 6862306 DOI: 10.1007/978-3-642-68761-7_79
 29. Peschle C, **Migliaccio AR**, Migliaccio G, Russo G, Petrini M, Calandrini M, Mastroberardino G, Presta M, Gianni AM, Comi P, Giglioni B, Ottolenghi S. The embryonic fetal Hb switch in humans: studies on erythroid bursts generated by embryonic progenitors from yolk sac and liver. *Proc Natl Acad Sci USA* 1984;81:2416-20. doi.org/10.1073/pnas.81.8.2416
 30. Peschle C, Mavilio F, Caré A, Migliaccio G, **Migliaccio AR**, Salvo G, Samoggia P, Petti S, Guerriero R, Marinucci M, Lazzaro D, Russo G, Mastroberardino G. Hemoglobin switching in human embryos: asynchrony of zeta-->alpha and epsilon-->gamma globin switches in primitive and definitive erythropoietic lineage. *Nature* 1985;313:235-8. PMID: 2578614 DOI: 10.1038/313235a0
 31. Migliaccio G, **Migliaccio AR**, Petti S, Mavilio F, Russo G, Lazzaro D, Testa U, Marinucci M, Peschle C. Human embryonic hemopoiesis: cell kinetics underlying transition from yolk sac to liver erythropoiesis. *J Clin Inv* 1986;78:51. PMCID: PMC329530 PMID: 3722384 doi: 10.1172/JCI112572
 32. **Migliaccio AR**, Visser JWM. Proliferation of purified murine hemopoietic stem cells in serum-free cultures stimulated with purified stem cell activating factor. *Exp Hematol* 1986;14:1043-8. PMID: 3536544
 33. Comi P, Ottolenghi S, Giglioni B, Migliaccio G, **Migliaccio AR**, Bassano E, Amadori S, Mastroberardino G, Peschle C. Bromodeoxyuridine treatment of normal adult erythroid bursts: an *in vitro* model for the reactivation of human fetal globin genes. *Blood* 1986;68:1036-41. PMID: 2429716

34. Migliaccio G, **Migliaccio AR**. Cloning of human erythroid progenitors (BFU-E) in the absence of fetal bovine serum. *Brit J Hemat* 1987;67:129-33. PMID: 3676101 DOI: 10.1111/j.1365-2141.1987.tb02315.x
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