

PERSONAL INFORMATIONS



ROBERTO TONI

INSTITUTIONAL EMAIL ADDRESSES

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CURRENT NATIONAL AND INTERNATIONAL ACADEMIC AND RESEARCH POSITIONS

Adjunct Professor of Medicine, Department of Medicine
Division Endocrinology, Diabetes and Metabolism,
Tufts Medical Center, Tufts University School of Medicine Boston, MA, USA
<https://www.linkedin.com/in/roberto-toni-md-phd-309101103/>

Scientific Advisor, RIV Capital Inc, Luxembourg and Dubai, UAE
<https://www.riv-capital.com/who-we-are/>

Research Associate, CNR - ISSMC, Faenza, Italy
<https://www.issmc.cnr.it/en/?team=toni-roberto>
<https://www.issmc.cnr.it/chi-siamo/personale/>

Research Associate, CNR - ISTC, Trento, Italy
<https://www.loa.istc.cnr.it/index.php/people/>
roberto.toni@unibo.it;

Senior Founder, Laboratory of Regenerative Morphology and Bioartificial Structures,
Department of Medicine and Surgery, University of Parma, Parma, Italy
<https://mc.unipr.it/it/laboratorio-di-morfologia-rigenerativa-e-strutture-bioartificiali>

Education

Classic High School "L Galvani", Bologna, Italy, (Certificate in 1976)

1976-1982 Faculty of Medicine and Surgery, University of Bologna, Italy

1976 - 1982 Pre-doctoral fellow, Institutes of Human Anatomy (laboratory Prof. F.A. Manzoli) and Biological Chemistry (laboratory Prof. C.M. Caldarera), University of Bologna, Italy.

June 1978 MD in 1982 (Magna Cum Laude, Honor in Biological Chemistry)
Pre-doctoral fellow, Cardiothoracic Institute, University of London,
Great Britain (laboratory Prof. Winifred Nayler)

September-November 1979, January-March 1980, June 1982
Pre-doctoral fellow, III Department of Biochemistry, Swiss Federal
Institute of Technology, Zurich, Switzerland (laboratory Prof. Ernesto
Carafoli)

Postgraduate Training

June 1985 International Postgraduate Course "Nuclear Magnetic Resonance in
the Life Sciences" , organized by the International School of Pure and
Applied Biostructure, "Ettore Majorana" International Center, Erice,
Italy

September 1985 International Postgraduate Advanced Course on " Isolation and
Characterization of Membrane Proteins: Biochemical and Biophysical
Aspects", organized by the Federation of European
Biochemical Societies (FEBS) at the University of Parma, Italy

July 1986 Visiting fellow, Endocrinology Division, Department of Medicine, New
England Medical Center-Tufts University, Boston, MA, USA
(laboratories Proff. Seymour Reichlin and Ronald M. Lechan)

February 1987 Visiting fellow, Department of Histology, Karolinska Institutet ,
Stockholm, Sweden (laboratory Prof. Kjiell Fuxe)

September 1987 - November 1989
Fogarty International Research Fellow in Endocrinology, National
Institutes of Health (NIH), Endocrinology Division, Department of
Medicine, New England Medical Center Hospitals-Tufts University,
Boston, MA, USA (laboratories Proff. Seymour Reichlin e Ronald M.
Lechan).

Fellowship and Traineeship Grants

1985 NATO Advanced Institute Fellowship by the International
Postgraduate Advanced Course "Nuclear Magnetic Resonance in
Life Sciences", Ettore Majorana International Center, Erice, Italy

1986 Travel Grant of the Italian Ministry of Education as "Visiting Fellow",
Division of Endocrinology, New England Medical Center-Tufts
University, Boston, MA, USA.

1987 Travel Grant of the Italian Ministry of Education, as "Visiting Fellow",
Department of Histology, Karolinska Institutet, Stockholm, Sweden

- 1987-1989** Fogarty International Research Fellowship Award 1F05TWO3924, Department of Public Health, National Institutes of Health (NIH), USA entitled "Neuroendocrine regulation of TRH in the hypothalamic paraventricular nucleus"
- 1988** Travel Grant of the Italian Ministry of Education as "Research Fellow," Division of Endocrinology, New England Medical Center-Tufts University, Boston, MA, USA
- 1989-1990**
- Traineeship Grant from the Italian National Research Council (CNR -Italy) AI8900133604 and Traineeship Fund of the Endocrine Division, New England Medical Center-Tufts University, Boston, MA, USA, as "Visiting Scientist"
 - Travel Grant of the Italian Ministry of Education, 71th Meeting of the Endocrine Society, Seattle, Washington, USA, and 4th Meeting of the European Neuroendocrine Association, Santiago de Compostela, Spain
 - Travel Grant by the Ares-Serono Symposia for an original contribution in the field of neuroendocrine research at the International Symposium "Endocrinology Under 35", Florence, Italy, October 1990

International Professorships

- June 1990-1995** Visiting Scientist, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, Department of Medicine, New England Medical Center-Tufts University, Boston, MA, USA (laboratories Prof. Seymour Reichlin e Ronald M Lechan)
- June 1994** Visiting Scientist, Molecular Endocrinology Laboratory, University of Massachusetts School of Medicine, Worcester, MA, USA (laboratory Dr. Jack. L. Leonard)
- October 1994** Visiting Professor and Guest Lecturer, Departement de Médecine, Division d'Endocrinologie, Unité de Recherche Thyroïdienne, Hôpital Cantonal Universitaire, Geneva, Switzerland (clinics Prof. Alfred Burger)
- June 1996-2003** Visiting Professor and Guest Lecturer, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, Department of Medicine, New England Medical Center Hospitals-Tufts University, Boston, MA, USA (clinics and laboratory, Prof Ronald M Lechan)
- June 2004-present** Guest Lecturer, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center -Tufts University, Boston, MA, USA (clinics and laboratory, Prof Ronald M Lechan)
- May 2024** Endocrinology Fellowship Program - Endocrinology Speaker Series- Endo Speaker Spring 2024, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center -Tufts University, Boston, MA, USA

Board Certifications

1982	Italian Board of Medicine and Surgery (70/70)
1983	Subspecialty Board of Clinical Ultrasonography, University of Bologna School of Medicine, Bologna, Italy
1987	Italian Board of Internal Medicine (Magna Cum Laude)
1990	Italian Subspecialty Board of Endocrinology (Magna Cum Laude)

National and International University Faculties / Research Institutional Appointments

1984-1987	Research Associate of Human Morphology, University of Chieti School of Medicine, Chieti, Italy
1987-1990	Associate Professor of Human Anatomy, University of Chieti School of Medicine, Chieti, Italy
1989	Instructor in Medicine, Tufts University School of Medicine, Boston, MA, USA
1990-2000	Associate Professor of Clinical Anatomy, University of Bologna School of Medicine, Bologna, Italy
2000 - 2023	Professor of Human Anatomy, University of Parma School of Medicine, Parma, Italy
2010 - 2015	Scientific Director, Museum of Human Anatomy, Pharmacology, and Forensic Medicine, University of Parma, Parma, Italy
2016 - 2023	Scientific Director, Museum and Historical Library of Biomedicine - BIOMED, University of Parma, Parma, Italy, website: www.anfamedmuseo.unipr.it
2003 - present	Adjunct Professor of Medicine, Tufts Medical Center - Tufts University School of Medicine, Boston, MA, USA
2023 - present	Research Associate, National Research Council - ISSMC, Faenza, Italy
2024 - present	Scientific Advisor, RIV Capital Inc, Luxembourg and Dubai, UAE
2025 - present	Research Associate, National Research Council - ISTC, Trento, Italy
2025 - 2028	Expert, School of Sport of the Italian National Olympic Committee (CONI), Emilia-Romagna Committee, Bologna, Italy

Hospital Appointments / Clinical Responsibilities

1983-1987	Intern and Resident, Department of Internal Medicine, Bellaria Hospital, University of Bologna School of Medicine, Bologna, Italy
1987-1989	NIH Fogarty International Research Fellow, Endocrinology Division, New England Medical Center Hospitals, Boston, MA, USA
1989 - 1990	Resident, Department of Endocrinology, University Hospital, University of Modena School of Medicine, Modena, Italy
1991-1993	Consultant in Clinical Neuroendocrinology, Imola Hospital, Imola (Bologna), Italy
1996 - 1998	Associate Physician and Head Endocrinology Outpatient Clinic, Department of Internal Medicine and Endocrinology, Bellaria Hospital, University of Bologna School of Medicine, Bologna, Italy
2002- 2006	Clinical Consultant in Endocrinology and Metabolism, International Foundation and Clinic "G.B. Morgagni", Catania, Italy
2010 - 2014	Clinical Consultant in Endocrinology and Metabolism, Clinical Center "Forni", Bologna - Department of Biomedical, Biotechnological and Translational Sciences, University of Parma, Parma, Italy
2013 - 2019	Clinical Consultant in Endocrinology and Metabolism, Interdepartment Center for Sport and Exercise Medicine, University of Parma, Parma, Italy
2018 - 2025	Clinical Consultant in Endocrinology, Diabetology, and Metabolism, Medical Center "Galliera", San Venanzio - Galliera (BO), Italy
2024	Physician, General Medicine Outpatient Clinics - Emilia-Romagna Health Service, San Venanzio - Galliera (BO), Italy
2023 - present	Clinical Consultant in Endocrinology, Diabetology, and Metabolism, Medical Center "Salvi", Cento (BO), Italy

Awards and Honors

1982	Vittorio Emanuele II Prize, University of Bologna, for the best dissertation in Medicine, academic year 1981-82
	Angelo Piazza Prize, University of Bologna, for the best examination in Forensic Medicine, academic year 1981-82
1985	Award of the Italian Society of Ultrasonology in Internal Medicine, for a research study of clinical anatomy presented at the International Congress of Ultrasonology, Rome, November 1985

- 1987 Francesco. Schiassi Prize of the Medical and Surgical Society of Bologna, for young clinical investigators less than 30 years old .
- 1989 Award of the Italian Society of Ultrasonology in Medicine and Biology, for a research study of clinical anatomy presented at the II International Congress of Ultrasonology, Rome, December 1989
- 1990 Award of President's Evening Selection Poster, 72nd Meeting Endocrine Society, Atlanta, Georgia, USA, June 1990
- 2002 Award of the Italian Thyroid Association for a clinical research study on new technologies for imaging reconstruction of the thyroid gland and detection of hyperfunctioning thyroid nodules, Pisa, XX Giornate Italiane della Tiroide, December 5-7, 2002
- 2004 The European Dana Alliance Recognition Award for Brain Awareness Week 2004, London, UK, May 25, 2004
- 2005 Corresponding Member, Academy of Sciences, Bologna, Italy, November 7, 2005
- 2011 Academicus Benedectinus, Academy of Sciences, Bologna, Italy, July 18, 2011
- 2017 Curator, International Historical and Scientific Exposition "The Fabric of the Bodies: from Anatomy to Robotics", Palace of the Governor, Parma, Italy, October 14 - December 17, 2017
- 2018 President, 72nd National Congress, Italian Society of Anatomy and Histology (SIAI), Parma, September 20-22, 2018
- Nominee by the Italian Ministry of Foreign Affairs to the national selection for a position as Scientific Attaché at the General Consulate of Italy in San Francisco, CA, USA, July 3, 2018
- 2019 Corresponding Member, Accademia Peloritana dei Pericolanti, University of Messina, Messina, Italy, January 21, 2019
- Organizing Chair, International Symposium "Frontiers in Biomedicine: Mass Spectrometry, Bioprinting, Biomaterials, and Bioreactors", Biotechnological Innovations and Updates in the frame of the Horizon 2020 - SCREENED EU Proposal 825745, University Campus UNIPR, March 12, 2019

1977 International Invited Lectures

- 1989 *"Neuroendocrine regulation of tuberoinfundibular TRH"*.
Endocrine Rounds, Endocrinology Division, Tufts-New England Medical Center, Boston, USA, October 23, 1989
- 1990 *"The hypothalamo-pituitary neuroendocrine axis as integrator of body homeostasis"*. XVII Congress of the European Society for Artificial Organs, Bologna, Italy, September 19-22, 1990
- "Light microscopic and ultrastructural organization of the interleukin 1-beta neuronal system in the rat hypothalamic paraventricular nucleus"*. International Symposium on "Endocrinology Under 35", Siena, Italy, October 8-10, 1990
- 1991 *"Neuroendocrine control of hypothalamic TRH: a functional and morphological perspective"*. Endocrine Grand Rounds, Division of Endocrinology, Rhode Island Hospital, Brown University, Providence, RI, USA, November 6, 1991
- "Neuroendocrinology of the TRH tuberoinfundibular system"*. Physiology Seminars, Department of Physiology, West Virginia University, Morgantown, WV, USA, November 7, 1991
- 1994 *"Functional anatomy of the neuroendocrine regulation of hypophysiostrophic TRH"*. Departement de Médecine, Division d'Endocrinologie, Unité de Recherche Thyroïdienne, Hôpital Cantonal Universitaire, Geneva, Switzerland, Ottobre 14, 1994
- 1995 *"Neuroendocrine, paracrine and autocrine regulatory systems in the hypothalamo-pituitary-thyroid axis"*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, NEMCH-Tufts University, Boston, MA, USA, May 30, 1995
- 1996 *"Endocrine criteria for prediction of surgical outcome in Cushing's disease after transphenoidal adenomectomy"*. Endocrine Grand Round, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, NEMCH-Tufts University, Boston, MA, USA, June 4, 1996
- 1998 *"Functional morphology of the hypothalamic-pituitary VIP system: the role of thyroid hormone"*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, Department of Medicine, New England Medical Center Hospitals-Tufts University, Boston, MA, USA, July 2, 1998

"Neuroendocrine regulation of thyrotropin-releasing hormone (TRH) in the tuberoinfundibular system: the integrative role of thyroid hormone". 26th Annual Congress of the Physiological Society of Southern Africa, Rustenburg, South Africa, September 20-23, 1998

- 1999 *"The neuroendocrine control of thyroid blood flow: an historical perspective". Endocrine Grand Rounds, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, Department of Medicine, New England Medical Center Hospitals-Tufts University, Boston, MA, USA, June 10, 1999*
- 2000 *"Cell cycle kinetics in the anterior pituitary gland. Endocrine Grand Rounds, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, Department of Medicine, New England Medical Center Hospitals-Tufts University, Boston, MA, USA, June 18, 2000*
- 2001 *"Molecular bases for anterior pituitary cell growth". Endocrine Grand Rounds, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, Department of Medicine, New England Medical Center Hospitals-Tufts University, Boston, MA, USA, June 18, 2001*
- 2002 *"Role of tyrosine-kinase-dependent signalling pathways in the regulation of anterior pituitary cell growth". Endocrine Grand Rounds, Division of Endocrinology, Diabetes, Metabolism and Molecular Medicine, Department of Medicine, New England Medical Center Hospitals-Tufts University, Boston, MA, USA, June 18, 2002*
- 2004 *"Role of echo-color-doppler in thyroid ultrasonography". Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism Department of Medicine, Tufts Medical center -Tufts University, Boston, MA, USA, May 7, 2004.*
- 2005 *"New diagnostic aspect in thyroidology: color doppler ultrasonography and 3D reconstruction". Endocrine Grand Rounds, Division of Endocrinology, Diabetes, and Metabolism, Department of Medicine, Tufts Medical Center - Tufts University, Boston, MA, USA, May 2, 2005.*
- "Goiters in San Vitale Mosaics". International Symposium on The Thyroid Gland in history, art and medicine. A meeting in the San Vitale Mosaics. Department of Archaeology and San Vitale Church, Ravenna, Italy, October 21, 2005*
- 2006 *"New morphofunctional techniques in thyroid ultrasonography: eco-power doppler, elastosonography and 3D reconstruction". Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center-Tufts University, Boston, MA, USA, May 14, 2006.*

“Morphology and endocrinology at the intersection: the case of the Byzantine goiters”. Endocrine Grand Rounds, Division of Endocrinology, Diabetes, and Metabolism, Department of Medicine, Tufts Medical Center-Tufts University, Boston, MA, USA, May 2, 2006.

“Lessons from the anatomy of the stromal scaffold in bioengineering of endocrine organs: the case of the bionic thyroid”
Endocrine Grand Rounds, Division of Endocrinology, Diabetes, and Metabolism, Department of Medicine, Tufts Medical Center -Tufts University, Boston, MA, USA, September 26, 2006

2007 *“New biotechnological frontiers in endocrine organ engineering: the case of the bioartificial thyroid”*. Department of Medicine, Division of Endocrinology, Laboratory of Molecular Endocrinology, Universidade Federal de Sao Paulo, Escola Paulista de Medicina, San Paolo, Brasil, January 12, 2007

“Migration dynamics in neural crest cells in the human embryo”. Endocrine Grand Rounds, Division of Endocrinology, Diabetes, and Metabolism, Department of Medicine, Tufts Medical Center-Tufts University, Boston, MA, USA, September 20, 2007.

2008 *“Clinical anatomy of the human hypothalamus”*. SERC School in Neuroscience, Nagpur University Campus, Nagpur, India, January 31, 2008.

“A new perspective in neuroendocrine integration: the Triune Information Network (TIN) concept”. International Structural Neuroscience Conference on Peptides, First Meeting of the Indian Subcontinent Branch of the International Neuropeptide Society, Nagpur University, Nagpur, India, February 2, 2008.

2009 *“The principle of the organomorphic bioreactor in regenerative medicine of endocrine organs”*. First International Workshop of Computational Biomathematics at the University of Bologna and Third International Workshop of Morphofunctional Studies at the University of Parma, Academy of Sciences, Bologna, October 21, 2009

2010 *“The spectrum of autoimmune polyendocrine syndromes: an expanding galaxy”*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center Tufts University, Boston, MA, USA, April 6, 2010

“The anatomical museum as a research source in the field of biomedical robotics: the Trenchini project at the University of Parma” International Seminar on: Visiting and anatomical museum, curiosity or training? For a Network of Anatomical Museums, Palace of the University, Modena, Italy, December 17, 2010

- 2011 *"Bioartificial endocrine organs: a new frontier in regenerative medicine"*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center Tufts University, Boston, MA, USA, February 8, 2011
- 2012 *"The bioartificial thyroid: an experimental perspective in bioengineering of endocrine glands"*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center Tufts University, Boston, MA, USA, February 28, 2012
- 2013 *"3D scaffold organomorphism as a paradigm for endocrine and parenchymal organ reconstruction ex situ"*. Tissue Engineering Laboratory, University Hospital, Basel, Switzerland, May 29, 2013.
- "Bioartificial endocrine organs: a translational perspective in regenerative endocrinology"*. MiME International Conference, Faenza, Italy, October 13, 2013
- 2014 *"An historical overview of classical clinical syndromes by pituitary adenoma"*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center ,Tufts University, Boston, MA, USA, February 3, 2014
- 2015 *"Minnie G. and the basophil adenoma of the pituitary"*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center ,Tufts University, Boston, MA, USA, February 10, 2015
- 2016 *"The prolactinoma syndrome: an historical prespective"*. Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center ,Tufts University, Boston, MA, USA, February 9, 2016
- 2017 *"PseudoCushing and metabolic syndrome"*, Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Tufts Medical Center ,Tufts University, Boston, MA, USA, February 3, 2017
- "Is there an influence of environmental pollutants in the development of pituitary tumors? A translational perspective relevant to acromegaly"*. 1st Meeting Club SIE Environmental Endocrinology, Italian Committee for Biosafety, Biotechnology and Sciences of Life, Presidency of the Council of Ministers, Rome, Italy, June 19, 2017
- 2018 *"Pheocromocytoma and paraganglioma: a journey in the history of science"*, Division of Endocrinology Seminar Series, Department of Medicine, Tufts Medical Center, Tufts University, Boston, MA, USA, February 27, 2018

- 2019 *"The medullary thyroid carcinoma: an anatomo-clinical challenge lasting a century"*, Division of Endocrinology Seminar Series, Department of Medicine, Tufts Medical Center, Tufts University, Boston, MA, USA, March 5, 2019
- "The masks of Lorenzo Tenchini at the University of Parma: their legacy to the modern concepts of facial transplantation, additive layer manufacturing, and facial recognition algorithms"*, 2nd International Congress on Wax Modelling, Padua, Italy, June 7-8, 2019
- 2021 *"Endocrine-metabolic disorders by viruses in history"*, ON-LINE Lecture, Division of Endocrinology Seminar Series, Department of Medicine, Tufts Medical Center, Tufts University, Boston, MA, USA, January 26, 2021
- "Endocrine-metabolic disorders by viruses in history"*, ON-LINE Lecture, Clinical Meetings of the Division of Endocrinology of Escola Paulista de Medicina, Sao Paulo, Brasil, September 16, 2021
- 2022 *"Innovations from the Horizon 2020 SCREEND Project: iron-doped hydroxyapatite nanoparticles ((FeHaNPs) for magnetic guidance of rat thyrocytes onto thyroid lobe-like 3D collagen scaffolds"*, Key Note Lecture, Bioceramics 32, Venice, Italy, September 23, 2022
- 2023 *"Sick chaperones and Von Hippel - Lindau syndrome"*, ON-LINE Lecture, Division of Endocrinology Seminar Series, Department of Medicine, Tufts Medical Center, Tufts University, Boston, MA, USA, March 14, 2023
- 2024 *"Fugitive acromegaly: a historical, clinical, and translational perspective"*, Division of Endocrinology, Diabetes, and Metabolism, Endocrinology Fellowship Program-Endocrinology Speakers Series, Department of Medicine, Tufts Medical Center, Tufts University, Boston, MA, USA, May 28, 2024
- 2025 *"Desmin and myo-inositol: a new translational perspective in bone anabolism"*, Endocrinology Fellowship Program-Endocrinology Speakers Series, Division of Endocrinology, Diabetes, and Metabolism, Department of Medicine, Tufts Medical Center, Tufts University, Boston, MA, USA, July 8, 2025
- "The anatomical clinical legacy of Lorenzo Tenchini and his unique anatomical collection at the University of Parma"*, ON-LINE Lecture, Ceroplastics, 3rd International Congress of Wax Modelling, Mexico City, September 4, 2025

Committees:

- 1990-2000 Head Core Curriculum "Nervous and Neuroendocrine Systems", Ph.D. Program in "Human Morphological Sciences", University of Bologna School of Medicine, Bologna, Italy.

1997-2000	Scientific Secretary, Fellowship Program in Clinical Endocrinology, University of Bologna School of Medicine, Bologna, Italy
2001-2019	Member and Professor, Ph.D. Program in "Human and Molecular Morphological Sciences", then "Biomedical Sciences", University of Bologna School of Medicine, Bologna, Italy
2001-2023	Member Committee for University Scientific Museums, University of Parma, Parma, Italy
2013 - 2019	Member and Professor, Ph.D. Program in "Molecular Medicine", University of Parma School of Medicine, Parma, Italy
2014	Member, National Club of the Italian Society of Endocrinology (SIE) on "Endocrinology and Metabolism of Physical Exercise", Italy
2016-present	Member, National Club of the Italian Society of Endocrinology (SIE) on "Environmental Endocrinology", Italy
2017	Coordinator, International Scientific Committee, International Exposition "The Fabric of the Bodies: from Anatomy to Robotics" Palace of the Governor, October 14 - December 17, 2017, Parma, Italy
2018	Member, National Committee on Ethno-Anthropology Standards and Rules, Italian Central Institute of Archiving and Records (ICCD), Italian Ministry of Cultural Goods and Art (MIBAC), Rome, Italy
2022 - 2023	Coordinator, UNIPR - DIMEC Committee for University Third Mission - Sections on Biotechnology / Pharmaceutical Companies and Museums, Parma, Italy

Society Membership:

Endocrine Society (USA)
The Pituitary Society (USA)
Italian Society of Endocrinology
Italian Society of Anatomy and Histology

Ad Hoc Reviewer

-	<i>International Research Journals Review Boards</i>
1994-1997	Surgical and Radiological Anatomy
1996	Journal of Endocrinology
1998	European Journal of Endocrinology
2005, 2025	Journal of Endocrinological Investigation
2006	Obesity
2008	Clinical Anatomy
2009-2012	Open Anatomy Journal
2010	Endocrine

2011	International Journal of Immunopathology and Pharmacology, Xenotransplantation
2014 - 2017	Tissue Engineering
2016	Stem Cells
2017	Annals of Anatomy
2018	Brain Research
2020	Journal of Tissue Engineering and Regenerative Medicine
2022	International Journal of Molecular Sciences
2023	Yale Journal of Biology and Medicine, Military Medical Research
2024	BioFactors, Journal of Comparative Neurology, Organogenesis
2025	Clinical and Translational Medicine, Diagnostics, Front Bioeng Biotech, Cell Biochem Function

- *National and International Grant Review Boards*

2002	MIUR COFIN, Italy
2010	MIUR - FIRB "Ricerca e Futuro" , Italy
	National Science Foundation (NSF), International Research Fellowships Awards, USA
2011	National Board for Research of Scotland, Scotland
2013	Wolkswagen Foundation, Germany
2014	Horizon 2020 Program, European Community Research Expert
2015	MIUR - REPRISE, Italy

- *International PhD Programs Review Boards*

2018 - present	Board of Biological Sciences, National Institute of Science Education and Research, Bhubaneswar, Odisha, India
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Boards

- *Editorial Boards*

2002-2019	Acta BioMedica
2009-2012	Open Anatomy Journal
2011- present	L'Endocrinologo

- *Forensic Medicine Boards*

2002-2010	Court of Justice of Bologna, Forlì, Sassari, Italy
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Research Grants

1989-1996	Bilateral Research Projects, Italy-USA, Italian National Research Council (CNR), # 89-0426704, 90-01575CT04, 91-00335CT04 entitled "Neuroendocrine regulation of TRH in the hypothalamic paraventricular nucleus"; # 92-01105CT04, 93-00434CT04, 94-025200CT04 entitled: "Neuropeptide regulation of TRH gene expression"; 95-00883CT04, 96-00124CT04 entitled "Cellular biology of hypophysiotrophic TRH and VIP"
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1991	Italian National Research Council (CNR), CNR # 91-02263CT11, entitled "Nuclear polyphosphoinositides and trophic effect of GH and IGF-1: development of analytical microtechnologies"
1991-1994	Italian Ministry of University (MURST), entitled "Cellular biology of TRH"
1992	National Hormone and Pituitary Program, National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK), USA, Award # 30299, entitled: "Neuroendocrine regulation of anterior pituitary cell growth"
1992-93	CNR # 92-03483CT11, 93-03603CT11 entitled "Nuclear polyphosphoinositides and trophic effect of TRH and proTRH on primary cultures of anterior pituitary: development of analytic microtechnologies"
1992-1996	CNR ACRO entitled "Interleukin 1 and interleukin-1 receptor antagonist as regulatory factors in tumoral growth of the nervous system (1992-1994); and "Mitogenic and antimitogenic neuropeptides as regulatory factors in tumoral growth of the nervous system" (1995-1996)
1994	CNR # 94-00809CT11 entitled "Nuclear polyphosphoinositides and trophic effect of TRH, proTRH, VIP, interleukin 1-beta on primary cultures of anterior pituitary: development of analytic microtechnologies"
1995 - 1997	MURST60%, entitled "Regulation of TRH biosynthesis"
1996	MURST40%, entitled "Ultrastructure and histophysiology of the lymphatic circulation"
1997-1999	MURST40%, entitled "Neuroendocrine control of preproTRH and preproVIP gene expression"
1998-1999	MURST COFIN98 entitled "Mechanism of action of thyroid hormone in the regulation of TRH and VIP gene expression"
1998-1999	Italian Ministry of Health, entitled "Role of lymphocyte-derived substance P, VIP and somatostatin in hyperalgesia of rheumatic polymyalgia"
2001	MURST Young Researchers, entitled "Neuroendocrine regulation of TRH gene expression"
2001- 2003	MURST FIL 01-03, entitled: "Neuroendocrine regulation and trophic effects of thyrotropin-releasing hormone (TRH) in the hypothalamic-pituitary system"
2002-2004	FIRB02, # RBAU01CHZ4_001 entitled: "Regulation of thyrotropin-releasing hormone (TRH) biosynthesis in the tuberoinfundibular system of the fetal hypothalamus during development"

2004-2006	MURST PRIN04 entitled “Effects of treatment with polychlorinated biphenils on the neuroendocrine control of the thyroid axis in rats during fetal and postnatal development”.
2006-2008	MURST FIL 06-08, entitled: “Neuroendocrine effects of pro-thyrotropin-releasing hormone (TRH) in the hypothalamic-pituitary axis: role of nonTRH peptides”.
2010	MIUR FIL09, entitled” Neuroendocrine effects of pro-thyrotropin-releasing hormone (TRH) in the hypothalamic-pituitary axis: role of nonTRH peptides”.
2010-2012	National Coordinator, MIUR PRIN08 # 2008ZCCJX4, entitled: “Ex situ regenerative biology of glandular / parenchymal organs: the model of the organomorphic scaffold”.
2010-2013	FIRB MIUR # RBAP10MLK7, entitled:”Scaffolds for regeneration of skeletal tissues: preclinical evaluation of biocompatibility and efficiency”
2012-2014	ACPR12_00312, L. 6/2000, entitled” The informatic technologies and the new realities for knowledge, networking and valorization of the cultural scientific patrimony: the role of the National Network for University Museums”
2016-2017	PANN15T3_00816, L. 6/2000, entitled” The masks of Lorenzo Tenchini: reconstruction in 3D virtual immersive reality, first complete exposition after 130 years, and permanent multimedial access to a unique, anatomical and criminological collection of international value”
2019-2024	#825745 - SCREENED - H2020-SC1-BHC-2018-2020 Single-Stage-RTD entitled ”A multistage model of thyroid gland function for screening endocrine-disrupting chemicals in a biologically sex-specific manner”.
2023 - 2025	PRIN P20224TAETP entitled “I-TROPHYTS - IoT and humanoid RObotics for autonomic PHYsio-Therapeutic monitoring, coaching and supervising in smart Spaces: a feasibility study”. https://site.unibo.it/itrophyts/en PRIN-PNNR 2023 P2022H74YP entitled “SORTT - An IoT-Serviced and Ontology-based Remote human digital Twin for physioTherapy: a feasibility study”. https://www.loa.istc.cnr.it/sortt/

Basic and Translational research activity (see bibliography).

A total of 396 scientific publications including:

220	original articles and book chapters on selected topics of neuroendocrinology, clinical endocrinology, history of endocrinology, regenerative medicine of endocrine organs, digital and humanoid robotic applications to endocrine-metabolic disorders;
7	monographs on the clinical imaging anatomy of the human central nervous systems general human anatomy, and history of human anatomy;
169	abstracts at international and national congresses.
H index SCOPUS = 21, times cited = 1886	

- Main topics:
- 1) functional morphology, physiology and pathophysiology of neuroendocrine and endocrine systems in mammals and man;
 - 2) clinical and imaging anatomy of human endocrine glands and central nervous system;
 - 3) regenerative medicine and bioengineering of endocrine organs, advanced informatics and humanoid robotics for diagnosis and treatment of endocrine-metabolic disorders
 - 4) history of endocrinology,

Teaching activity

Basic Science

- *University of Chieti School of Medicine, Chieti, Italy*
1984-1990 Course of Human Anatomy;
- *University of Bologna School of Medicine, Bologna, Italy*
1990-2000 Course of Human and Clinical Anatomy;
- 1990-2019 Course for the PhD program: "Human Morphological Sciences", Core Curriculum "Nervous and Neuroendocrine Systems";
- *University of Trieste School of Medicine, Trieste, Italy*
1995 - 1996 Monographic Course on "Functional Anatomy of the Endocrine Hypothalamus" (in collaboration with Ronald M. Lechan, Tufts University School of Medicine, Boston, USA);
- *University of Parma School of Medicine, Parma, Italy*
2000 - 2023 Course of Human Anatomy;
Elective on Theory of Experimental and Clinical Reasoning in Human Anatomy, Elective on Neurohypothalamic secretion;
- 2000 - 2006 Monographic Course on "Functional Anatomy of the Endocrine Hypothalamus" (in collaboration with Ronald M. Lechan, Tufts University School of Medicine, Boston, USA).
- *University of Parma Schools of Biotechnologies and Nutrition, Parma, Italy*
2013 - 2023 Course of Regenerative Medicine in Endocrinology
- 2020 - 2023 Course of Clinical Anthropometry in Nutritional Disorders

Clinical Science

- *Tufts University School of Medicine, Boston, MA, USA*
2004 - 2019 Course of Endocrine Pathophysiology and Clinic, Division of Endocrinology, Diabeters, and Metabolism, Tufts Medical Center
- Boston, MA, USA

Clinical Subspecialties

- *Bologna University School of Medicine, Bologna, Italy*
1983-1987 Instructor, Course of Internal Medicine

- 1990-2000** Courses for Subspecialty Boards:
 1) Clinical Anatomy (Boards of Endocrinology and Gastroenterology)
 2) Neuroendocrinology, Immunoendocrinology, Chronoendocrinology, (Boards of Endocrinology and Nephrology)
 3) Neuroanatomy (Board of Neurology)
- 1996 - 1998** Executive Coordinator of the post-graduate advanced Course “Up-date in Clinical Endocrinology”, Endocrinology Fellow Program, Department of Internal Medicine and Endocrinology, Bellaria Hospital, Bologna, Italy
- *Parma University School of Medicine, Parma, Italy*
- 2000 - 2023** Courses for Subspecialty Boards:
 1) Human Anatomy (Boards of Gastroenterology, Infectious Diseases, Gynecology and Obstetrics, Dermatology, then only Plastic Surgery, and Ophthalmology)
 2) Endocrinology and Metabolism (Board of Endocrinology)
- *Tufts University School of Medicine, Boston, MA, USA*
- 2004 - 2019** Professor Rounds and Clinical Case / Clinical Updates presentations to Endocrinology Fellows, Division of Endocrinology, Diabetes and Metabolism, Tufts Medical Center, Boston, USA
- 2021-current** On-line and in presence Professor Rounds and Clinical Case / Clinical Updates presentations to Endocrinology Fellows - , Endocrinology Fellowship Program, Division of Endocrinology, Diabetes and Metabolism - Department of Medicine, Tufts Medical Center, Boston, USA

National Continuing Medical Education (CME) / Advanced Research and Clinical Courses and Symposia / Round Tables:

- 2003** “*Diagnosis and Follow-up in Endocrine and Metabolic Diseases: Role of Imaging Techniques*”, Foundation and Clinic “G.B. Morgagni”, Catania, Italy, March 1, 2003
- “*Communication and Elaboration of Information in the Central Nervous and Endocrine Systems*”, Department of Human Anatomy, Pharmacology and Forensic Medicine, University of Parma School of Medicine, Parma, Italy, October 7-8, 2003
- 2004** “*L’anatomie clinique: un nouvelle frontiere pour le diagnostic topographique*”. Journée Italienne de la Société Française de Chirurgie Endoscopique. Catania, Italy, November 11-12, 2004

- 2005-2009 *“Neural and neuroendocrine bases for athletic performance in shotokan karate”*, International Symposia on Traditional Karate, Budo and Martial Arts, Department of Human Anatomy, University of Milan, Milan, Italy
- 2009 *“The morphology of phenotypes in the anatomical tradition of the University of Parma: Lorenzo Tenchini (1852-1906), Cesare Lombroso (1835-1909). Meetings of Functional Morphology*, Parma University, Parma, Italy, March 25, 2009
- 2010 *“Update on acromegaly”*. Endocrinology Fellow Program, Universities of Modena/ Reggio Emilia and Parma, Parma, Italy, May 3, 2010
- “The Museum through web. An experiment of the Museum of Human Anatomy, Pharmacology, and Forensic Medicine”*, International Day on Museums - ICOM 2010, University of Parma, Parma, Italy, May 20, 2010
- 2011 - 2013 *“Modulation of hormonal secretion by nutrients”*. AKESIOS National School of Nutrition, Parma, Italy
- 2013 *“A multidisciplinary approach to the patient with pituitary adenoma: new diagnostic and therapeutic strategies”*, Maggiore Hospital, Parma, Italy, November 20, 2013.
- “Informatic technologies, new knowledge realities, networking, and valorization of the scientific cultural patrimony: the role of the Museum network”*, International Day on Museums - ICOM 2013, University of Parma, Parma, Italy, May 17, 2013
- 2016 *“Perspectives on immersive virtual reality, formal languages, and anthropomorphic robotics for valorization of anatomical collections”*, International Day on Museums - ICOM 2016, University of Parma, Parma, Italy, May 17, 2016
- 2017 *“Is there an influence of environmental pollutants in the development of pituitary tumors? An experience on acromegaly”*. 1st Meeting of the Society of Endocrinology CLUB on Environmental Endocrinology, Presidency of the Italian Ministry Council, Rome, Italy, June 19, 2017
- “Lorenzo Tenchini and his masks: an anatomical-clinical collection at the end of the 19th century between the Universities of Parma and Turin”* Galleria Biffi Arte, Piacenza, Italy, May 26, 2017
- 2018 *“Role of physical activity in the prevention and cure of endocrine and metabolic disorders”*, Medical Center Galliera, San Venanzio di Galliera (Bologna), Italy, April 13, 2018

“Prevention, cure, and development of outpatient diagnostic / therapeutic pathways of excellence for endocrine and metabolic disorders”, Medical Center Galliera, San Venanzio di Galliera (Bologna), Italy, September, 28, 2018

“Parma-Biomed 2.0: digitalization of ancient medical texts of the BIOMED Library in Parma and Putti-IOR in Bologna”, International Day on Museums ICOM 2018, University of Parma, Parma, Italy, May 17, 2018

2019 *“Digital BIOMED Hub”: a 3.0 biomedical and anthropological dataweb between Pianura Padana and Sardinia”, International Day on Museums - ICOM 2019, University of Parma, Parma, Italy, May 16, 2019*

2020 *“Historical aspects and clinical anthropometry of osteoporosis”
“Individual risk profile and antiresorptive and anabolic drugs: role of Guidelines”
“Primary prevention: vitamin D”
“The OSTEONET-CMG Unit: an example of integrated multispecialty outpatient management of the Fracture Unit type”
National Continuing Medical Education (CME) Program “Osteoporosis: novelties and perspectives” Medical Center Galliera, San Venanzio di Galliera (Bologna), Italy, January 18, 2020*

“Integration of endocrinology competences: the pituitary unit network as an inclusive platform”, Round Table on the role of the Pituitary Unit in the Neuroscience Network of Emilia Romagna, ON-LINE event, Dicembre 19, 2020

2022 *“Fugitive Acromegaly”, ON-LINE event - Video Interview, Digital Platform “Caledoscopio GH; ipofisi e dintorni”, September 12, 2022, https://www.odmbologna.it/wp-content/uploads/2022/09/Programma_generale.pdf*

“The Google Project for digitalization of the anatomical clinical collection Lorenzo Tenchini”, International Day on Museums - ICOM 2022, University of Parma, Parma, Italy, May 16, 2022

2023 *“New perspectives 2023 - 2024 for usability and scientific research of BIOMED museum”, International Day on Museums - ICOM 2023, University of Parma, Parma, Italy, May 18, 2023*

2024 *“The masks of Lorenzo Tenchini at Parma University: a biomedical perspective of the relationship form-function in the context of the psychopathology at the end of the 19th century”. National Congress on “The face of crime: physiognomic and criminal anthropology at the end of 19th century”, University of Verona, Verona, Italy, May 2-3, 2024*

"Molecular phenotypes in the history of acromegaly", Medical-Surgical Society of Bologna, Palazzo dell'Archiginnasio, Bologna, Italy, May 25, 2024

BIBLIOGRAPHY

Full papers

1. F Flamigni, C Guarnieri, **R Toni**, CM Caldarera
Effect of oxygen radicals on heart mitochondrial function in a-tocopherol deficient rabbits
Internat J Vit Nutr Res 52, 402-406, **1982**
2. G Bonora, P Vezzadini, **R Toni**, G Labò
Radioimmunoassay of secretin in human serum
Clin Chim Acta 140, 31-37, **1984**
3. P Vezzadini, G. Bonora, P Tomassetti, A Favaro, **R Toni**, P Ecchia, G Labò
Measurements of immunoreactive gastrin in tissue
Boll Ist Sieroter Milano, 63 (3), 201-206, **1984**
4. P Vezzadini, G Bonora, S Bernardini, R Ecchia, **R Toni**, G Labò
Radioimmunoassay of motilin in human plasma: interdigestive levels in normal subjects and in patients with hypergastrinemic chronic atrophic gastritis
J Nucl Med All Sci 28 (3), 197-201, **1984** (current name Nucl Med Biol)
5. P Vezzadini, P Tomassetti, **R Toni**, G Bonora, G Labò
Omeprazole in medical treatment of Zollinger-Ellison syndrome
Curr Ther Res Clin Exp 35 (5), 772-776, **1984**
6. **R Toni**, L Bolondi, S Gaiani, G Re, G Cavalli, G Labò.
Caliber variations of the hepatic and splenic arteries in chronic active hepatitis and liver cirrhosis. Comparison with splenic size
Clinical Advances in Ultrasonology, 2, 119-123, **1984**
7. G Re, L Bolondi, **R Toni**, AM Casali, G Cavalli, G Labò
Splenic arterial vessels in congestive splenomegaly
Clinical Advances in Ultrasonology, 2, 125-129, **1984**
8. **R Toni**, L Favero, R Bolzani, R Roversi, P Vezzadini
Further observations on the anatomical variations in the arteries of the human pancreas
IRCS Med Sci 13, 605-606, **1985**
9. **R Toni**, L Bolondi, S Gaiani, G Re, L Calabrese, G Cavalli, G Labò
Accessory ultrasonographic findings in chronic liver disease: the diameter of the splenic and hepatic arteries, the fasting gallbladder volume and the course of the left portal vein
J Clin Ultrasound 13, 611-618, **1985**

10. G Re, A Casali, D Cavalli, G Guida, **R Toni**, L Bolondi, G Cavalli
Morphological bases of splenic circulation in congestive splenomegaly
Haematologica, 70 (4), 284-290, **1985**

11. D Cheneval, M Mueller, **R Toni**, S Ruetz, E Carafoli
Adriamycin as a probe for the transversal distribution of cardiolipin in the inner
mitochondrial membrane
J Biol Chem 286 (24), 13003-13007, **1985**

12. K Fuxe, LF Agnati, JJ Vanderhaegen, K Tatemoto, K Andersson, P Eneroth, A
Haerfstrand, G Von Euler, **R Toni**, M Goldstein, V Mutt
CCK neuron systems and their interactions with the presynaptic features of the
dopamine neuron systems. A morphometrical and neurochemical analysis involving
studies on the action of CCK-8 and CCK-58
Ann N Y Acad Sci, 448, 231-254, **1985**

13. P Vezzadini, **R Toni**
Modificazioni del sistema neuroendocrino periferico gastrointestinale
Farmaci, 3, Supp 1, **1986**

14. **R Toni**, CA Boicelli, AM Baldassarri
Characterization of human pathological papillary muscles by ¹H-NMR spectroscopic and
histologic analysis
Int J Cardiol 11, 231-234, **1986**

15. G Bonora, P Vezzadini, G Fradà, **R Toni**, G Bargallo Sangiorgi, G Labò
Interdigestive plasma motilin concentrations in aged adults
J Gerontol 41 (6), 723-726, **1986**

16. **R Toni**, L Bolondi, S Mosca, L Favero, G Toni
Considerazioni anatomo-cliniche sulla vascolarizzazione arteriosa, venosa, biliare e
linfatica intraepatica in relazione all'approccio ecografico segmentale al fegato umano

Rendiconti Acad Sci Bologna, Serie XIV, Tomo III, 59-77, **1985-1986**

17. **R Toni**, L Bolondi, L Favero, S Mosca, L Barbara
La segmentazione epatica. Inquadramento anatomo-ecografico
Ultrasuoni in Medicina 1, 11-31, **1987**

18. A Pastremoli, E Cantoni, G Graziani, G Scarpa, **R Toni**
Considerazioni anatomo-cliniche sull'architettura dei traiettori ossei del condilo
mandibolare di uomo
Boll Soc Ital Biol Sper 63 (2), 97-103, **1987**

19. D Morsiani, **R Toni**, A Pastremoli, D Lasagna, G Borea, G Toni
Contributo anatomo-clinico allo studio del rimodellamento osseo dell'articolazione
temporomandibolare nell'edentulismo totale
Min Stomatol 36 (12), 981-989, **1987**

20. G Bonora, R De Giorgio, **R Toni**, MP Fanti, G Cariani, P Vezzadini
Bombesin-stimulated serum immunoreactive trypsin in the differential diagnosis between endocrine and exocrine tumors of the pancreas
J Nucl Med All Sci 31 (4), 327-330, **1987** (currently: Nucl Med Biol)
21. A Pastremoli, G Corinaldesi, F Ruggeri, **R Toni**
Le modalità e la sede del rimodellamento osseo nella cavità glenoide dell'articolazione temporomandibolare
Min Stomatol 37, 203-207, **1988**
22. **R Toni**, L Favero, S Mosca, S Ricci, R Roversi, P Vezzadini
Quantitative clinical anatomy of the pancreatic artereis studied by selective celiac angiography
Surg Radiol Anat 10, 53-60, **1988**
23. **R Toni**, S Mosca, L Favero, S Ricci, R Roversi, G Toni, P Vezzadini
Clinical anatomy of the adrenal arterial peduncles: a quantitative approach by aortography
Surg Radiol Anat 10, 297-302, **1988**
24. P Vezzadini, P Tomassetti, G Bonora, A Balduzzi, **R Toni**, G Labò
Alterazioni neuroendocrine gastriche nella gastrite cronica atrofica
Progressi Clinici-Medicina, 4 (1), 253-255, **1989**
25. **R Toni**, IMD Jackson, RM Lechan
Neuropeptide Y-immunoreactive innervation of thyrotropin-releasing hormone-synthesizing neurons in the rat hypothalamic paraventricular nucleus
Endocrinology 26, 2444-2453, **1990**
26. **R Toni**, RM Lechan
1-naphthol pyronin B as a novel substrate for silver intensification: application to light and electron microscopic immunocytochemistry of neuroendocrine systems
J Histochem Cytochem 38, 1209-1214, **1990**
27. JI Koenig, K Snow, BD Clark, **R Toni**, JG Cannon, AR Shaw, CA Dinarello, S Reichlin, SL Lee, RM Lechan
Intrinsic pituitary interleukin 1-beta is induced by bacterial lipopolysaccharide
Endocrinology 126, 3053-3058, **1990**
28. RM Lechan, **R Toni**, BD Clark, JG Cannon, AR Shaw, CA Dinarello, S Reichlin
Immunoreactive interleukin 1-beta localization in the rat forebrain
Brain Res 514, 135-140, **1990**
29. NP Sauter, **R Toni**, CE McLaughlin, EM Dyess, JM Kritzman, RM Lechan
Isolated adrenocorticotropin deficiency associated with an autoantibody to a corticotroph antigen that is not adrenocorticotropin or other proopiomelanocortin-derived peptides
J Clin Endocrinol Metab 70, 1391-1397, **1990**

30. **R Toni**, LMD Jackson, RM Lechan
TRH-immunoreactive innervation of TRH tuberoinfundibular neurons in rat hypothalamus: anatomical basis to suggest ultrashort feedback regulation
Neuroendocrinology 52, 422-428, **1990**

31. **R Toni**, RM Lechan
Interleukin 1 in the hypothalamo-pituitary neuroendocrine system
Horizons in Endocrinology, 2, 109-114, **1991**

32. **R. Toni**, I Kakucska, S Mosca, P Marrama, RM Lechan
Hypothyroidism increases vasoactive intestinal polypeptide (VIP) immunoreactivity and gene expression in the rat hypothalamic paraventricular nucleus
Endocrinology 131, 976-978, **1992**

33. **R. Toni**, S. Mosca, E. Conti, A. Cuppini, L. Calabrese, P. Vezzadini
Regolazione neuroendocrina dell'ipofisi anteriore
Gli Ospedali della Vita, 2 (XX), 55-64, **1993**

34. **R Toni**, RM Lechan
Neuroendocrine regulation of thyrotropin-releasing hormone (TRH) in the tuberoinfundibular system
J Endocrinol Investig, 16, 715-753, **1993**

35. **R. Toni**, S. Mosca, RM Lechan, P. Vezzadini
Role of forebrain VIP in the neuroendocrine pathophysiology of SIADH in hypothyroidism
Frontiers in Endocrinology 9, 71-76, **1994**

36. **R. Toni**, S. Mosca, F. Ruggeri, A. Valmori, G. Orlandi, G. Toni, RM. Lechan, P. Vezzadini
Effect of hypothyroidism on vasoactive intestinal polypeptide-immunoreactive neurons in forebrain-neurohypophyseal nuclei of the rat brain
Brain Res 682, 101-115, **1995**

37. P. Vezzadini, **R. Toni**, M. Faustini Fustini, C. Vezzadini.
Ormoni gastrointestinali e loro ruolo nella digestione e nell'assorbimento
Terapia Moderna, 156, (2), 127-137, **1995**

38. C. Vezzadini, **R. Toni**, P. Vezzadini
Pancreatic somatostatinoma presenting with chronic intestinal pseudo-obstruction syndrome
Minerva Gastroenterol Dietol, 42, 227, **1996**

39. L. Longanesi, GM Cavallini, **R. Toni**
Quantitative clinical anatomy of the human cornea in vivo: a morphometric study by ultrasonic pachimetry and computer-assisted topographic videokeratography
Acta Anat, 157, 73-79, **1996**

40. P. Vezzadini, R.. Poggioli, C. Vezzadini, **R. Toni**
I somatostatinomi
Aggiornamento Medico, 21(4), 129-134, **1997**
41. **R. Toni**, C. Scialpi, A. Malaguti, I. Orsi, F. Briganti, S. Mosca, G. Frank, F. Calbucci
Functional diagnosis of pituitary adenomas
Archivio di Medicina Interna, 49 (1/2), 1-16, **1997**
42. C. Scialpi, S. Mosca, C. Vezzadini, A. Malaguti, I. Orsi, **R. Toni**, P. Vezzadini
Polipi e carcinomi del colon-retto nei soggetti acromegalici
Gastroenterologia Endoscopia Digestiva, 2 (X), 22-29, **1997**
43. V. Zaccheroni, C. Scialpi, A. Musolino, **R. Toni**
Le interazioni immunoneuroendocrine e la loro rilevanza in endocrinologia clinica
Gli Ospedali della Vita, XXIV, (4) 5-28, **1997**
44. C. Scialpi, S. Mosca, A. Malaguti, I. Orsi, C. Vezzadini, **R. Toni**
Acromegaly and intestinal neoplasms
PanminMed 418(2), 157-160, **1999**
45. C. Scialpi, S. Mosca, A. Malaguti, I. Orsi, C. Vezzadini, **R. Toni**
Acromegaly and intestinal neoplasms
Minerva Endocrinol 24(3-4), 123-127, **1999**
46. C Invitti, FP Giraldi, M De Martin, F Cavagnini, A Angeli, M Terzolo, G Bellotti, R Castello, F Bertolissi, G Borretta, M Boscaro, E Scarpa, F Camanni, E Mazza, L Cantalamessa, F. Caviezel, L Morricone, SD Milanese, C De Sanctis, E Degli Uberti, C Ferrari, A Giustani, A Janni, R Lo Coco, C Letizia, A Liuzzi, MR Ghiggi, V Lo Cascio, G Francia, G Lombardi, A Colao, P Moghetti, L De Marinis, M Mannelli, F MAntero, AM Masini, C Mazzi, SA Abate, M Muggeo, P Moghetti, A Pinchera, E Martino, D Barletta, CF Santeusano, F Sciarra, C Tosti Croce, P Vezzadini, **R Toni**, GA Zampa, A Sforza
Diagnosis and management of Cushing syndrome: results of an Italian multicenter study
J Clin Endocrinol Metab 84(2), 440-448, **1999**
47. **R. Toni**
Le basi epistemologiche del concetto di forma nelle scienze biomediche: modelli interpretativi
Epistemologia, Italian Journal for the Philosophy of Science 22, 37-62, **1999**
48. **R. Toni**
Il clinicismo anatomico di Luigi Galvani ed i suoi riflessi nell'anatomia clinica contemporanea.
in : Luigi Galvani (1798-1998) fra Biologia e Medicina, R.A. Bernabeo (ed), Atti dell'Accademia delle Scienze dell'Istituto di Bologna, Anno 286, 69-79, **1999**
49. **R. Toni**
Epistemologia della forma corporea
Systema Naturae, Annali di Biologia Teorica, 2, 299-333, **1999**

50. **R. Toni**
Ancient views on the hypothalamic-pituitary-thyroid axis: an historical and epistemological perspective
Pituitary 3, 83-95, **2000**

51. **R. Toni**, M. Vitale
The role of flow cytometry in the study of cell growth in the rat anterior pituitary gland
Eu J Histochem 44(4), 3215-324, **2000**

52. **R. Toni**, C. Della Casa, S. Mosca, A. Malaguti, S. Castorina, E. Roti
Anthropological variations in the anatomy of the human thyroid arteries
Thyroid 12, 183-192, **2003**

53. **R. Toni**
Ontic conception and scientific explanation in biomedicine: the case of the anatomical doctrine
Epistemologia 26, 285-316, **2003**

54. **R. Toni**, E. Roti, E. Martino
Saint Onofrio
J Endocrinol Invest 26, 1248, **2003**

55. **R. Toni**
Topobiology: epistemological implications of an ontic theory in biomorphology
Epistemologia 27, 83-106, **2004**

56. G. Azzali, M.L. Arcari, A. Cacchioli, **R. Toni**
Fine structure and photoperiodical seasonal changes in Pars tuberalis of hibernating bats
It J Anat Embriol 108, 49-64, **2003**

57. **R. Toni**, A. Malaguti, S. Castorina, E. Roti, RM Lechan
New paradigms in neuroendocrinology: relationships between obesity, systemic inflammation and the neuroendocrine system
J Endocrinol Invest 27, 182-186, **2004**

58. **R. Toni**, E. Roti, E. Martino
The acrobats
J Endocrinol Invest 27, 893, **2004**

59. **R. Toni**, C. Della Casa, S. Castorina, A. Malaguti, S. Mosca, E. Roti, G. Valenti
A meta-analysis of superior thyroid artery variations in different human groups and their clinical implications
Ann Anat 186, 255-262, **2004**

60. **R. Toni**
The neuroendocrine system: organization and homeostatic role
J Endocrinol Invest 27 (suppl to n.6) 35-47, **2004**

61. **R. Toni**, A. Malaguti, F. Benfenati, L. Martini
The human hypothalamus: a morpho-functional perspective
J Endocrinol Invest 27 (suppl to n.6)73-94, **2004**
62. A.Malaguti, C. Della Casa, S. Castorina, AM Matelli, E. Roti, E. Martino, **R. Toni**
Molecular mechanisms for pituitary thyrotroph cell growth
J Endocrinol Invest 27 (suppl to n.6) 151-167, **2004**
63. **R. Toni**, RM Lechan, G. Mazzotti
Goiter in the court of the Byzantine empress, Theodora
J Endocrinol Invest 28, 481, **2005**
64. **R. Toni**, RM Lechan
Nuovi paradigmi in endocrinologia: relazione tra obesità, flogosi sistemica e risposta neuroendocrina
Il Morgagni 7 (11), 76-80, **Maggio 2004/Giugno 2005**
65. **R. Toni**. M. Vitale. G. Azzali
Da Paolo Mascagni a Cesare Lombroso: metodo sperimentale e antropometria evoluzionistica nella tradizione anatomica dello *Studium* di Parma
In: Campanili G, Guarino M, Lippi G, eds. Le arti della Salute. Il patrimonio culturale e scientifico della sanità pubblica in Emilia-Romagna, Skira Editore, Milano, **2005**
66. **R. Toni**, C. Della Casa, S. Castorina, E. Roti, G. Ceda, G. Valenti
A meta-analysis of inferior thyroid artery variations in different human ethnic groups and their clinical implications
Ann Anat 187, 371-385, **2005**
67. **R. Toni**, C. Della Casa, S. Castorina, D. Cocchi, F. Celotti
Effect of hypothyroidism and endocrine disruptor-dependent, non thyroidal illness syndrome on the adult male, GnRH-gonadotroph axis
J Endocrinol Invest 28 (suppl to n. 11), 20-27, **2006**
68. **R. Toni**, E. Ghigo, E. Roti, RM Lechan
Acromegaly and goiter in the precolumbian, mesoamerican population
J Endocrinol Invest 30, 169-170, **2007**
69. **R. Toni**, P. Mirandola, G. Gobbi, M. Vitale
Neuroendocrine regulation and tumor immunity
Eu J Histochem 51, suppl 1, 133-138, **2007**
70. **R. Toni**, G. Spaletta, C. Della Casa, S. Ravera, G. Sandri
Computation and brain processes, with special reference to neuroendocrine systems
Acta Biomed 78, suppl 1, 67-83, **2007**

71. **R. Toni**, C. Della Casa, G. Spaletta, G. Marchetti, P. Mazzoni, M. Bodria, S. Ravera, D. Dallatana, S. Castorina, V. Riccioli, EG Castorina, S. Antonci, E. Campanile, G. Scalise, R. Rossi, G. Ugolotti, A. Martorella, E. Roti, F. Sgallari, A. Pinchera.
The bioartificial thyroid: a biotechnological perspective in endocrine organ engineering for transplantation replacement.
Acta Biomed 78, suppl 1, 129-155, **2007**

72. **R. Toni**, C. Della Casa, M. Bodria, G. Spaletta, R. Vella, S. Castorina, A. Gatto, G. Teti, M. Falconi, T. Rago, P. Vitti, F. Sgallari.
A study on the relationship between intraglandular arterial distribution and thyroid lobe shape: implications for biotechnology of a bioartificial thyroid
Ann Anat 190, 432-441, **2008**

73. **R. Toni**.
Pierre Marie e l'acromegalia.
L'Endocrinologo 12; 36-38, **2011**

74. **R. Toni**.
Harvey William Cushing e l'adenoma basofilo dell'ipofisi.
L'Endocrinologo 12; 90-92, **2011**

75. **R. Toni**, A. Porro.
Johann Peter Frank e il diabete insipido.
L'Endocrinologo 12; 145-147, **2011**

76. **R. Toni**.
La distrofia adiposo-genitale e le obesità ipotalamiche.
L'Endocrinologo 12; 203-205, **2011**

77. **R. Toni**.
La sindrome della galattorrea-amenorrea e il prolattinoma.
L'Endocrinologo 12; 252-254, **2011**

78. **R. Toni**.
Acromegalia e gigantismo nella preistoria
L'Endocrinologo 12; 304-305, **2011**

79. **R. Toni**, Tampieri A, Zini N, Strusi V, Sandri M, Dallatana, Spaletta G, Bassoli E, Gatto A, Ferrari A, Martin I.
Ex situ bioengineering of bioartificial endocrine glands: a new frontier in regenerative medicine of soft tissue organs.
Annals of Anatomy 193: 381-394, **2011**

80. Bassoli E, Denti L, Gatto A, Paderno A, Spaletta G, Zini N, Strusi V, Dallatana D, **R. Toni**
New approaches to prototype 3D vascular-like structures by additive layer manufacturing.
In: Bártoło et al., (Eds), Innovative Developments in Virtual and Physical Prototyping, CRC Press, Taylor & Francis, London, 35-42, **2011**
81. E. Viaroli, D. Dallatana, S. Zambonelli, D. Dallatana, I. Pradier, F. Delli Ponti, A. Guidazzoli, S. Petronilli, **R. Toni**.
Da Cesare Lombroso alla robotica biomedica: Il Progetto Tenchini.
Notiziario Cineca, 66, 17-20, **2011**.
82. **R. Toni**, A. Porro
Il costituzionalismo italiano: preludio alla genetica dei disordini endocrino-metabolici
L'Endocrinologo 13; 35-38, **2012**
83. **R. Toni**
La malattia di Means-Hertz-Lerman (mixedema ipofisario) e l'ipotiroidismo centrale
L'Endocrinologo 13; 84-86, **2012**
84. **R. Toni**, A.E. Ermolenko
Il mito delle amazzoni e la sindrome di Stein-Leventhal
L'Endocrinologo 13; 137-139, **2012**
85. **R. Toni**
Nanismo "insulare", nanismo di Laron e bassa statura idiopatica
L'Endocrinologo 13; 183-185, **2012**
86. **R. Toni**
Morris Simmonds e la cachessia ipofisaria
L'Endocrinologo 13; 228-230, **2012**
87. V. Strusi, S. Mastrogiacomo, N. Zini, D. Dallatana, G. Spaletta, E. Bassoli, A. Gatto, A. Zamparelli, G. Lippi, M. Iafisco, M. Sandri, A. Tampieri, **R. Toni**
Gli organi endocrini bioartificiali: prospettive della ricerca traslazionale applicata alla medicina rigenerativa in endocrinologia
L'Endocrinologo 13; 113-121, **2012**
88. **R. Toni**, S. Giannini
La terapia del piede diabetico
L'Endocrinologo 13, 270-273, **2012**
89. **R. Toni**
Il sistema ipotalamo-ipofisi nell'antichità
L'Endocrinologo 13 (suppl al 6), 1-11, **2012**

90. E. Bassoli , L. Denti , A. Gatto , G. Spaletta , A. Paderno , N. Zini , A. Parrilli , R. Giardino , V. Strusi , D. Dallatana , S. Mastrogiacomo , A. Zamparelli , M. Iafisco, **R. Toni**
A combined additive layer manufacturing / indirect replication method to prototype 3D vascular-like structures of soft tissue and endocrine organs
Virtual and Physical Prototyping, 7; 3-11; **2012**.
91. A. Annedda, M Bonetti, M. Quarantini, E. Quarantini, **R. Toni**
Beach tennis
Med Sport 65: 579-586, **2012**
92. **R. Toni**
L'aldosteronismo
L'Endocrinologo 14; 225-228, **2013**
93. **R. Toni**
L'ipertiroidismo centrale e il TSHoma
L'Endocrinologo 14; 128-130, **2013**
94. **R. Toni**
Claude Bernard e il diabete artificiale
L'Endocrinologo 14; 86-89, **2013**
95. **R. Toni**
Metamorfosi dei Vertebrati e sindrome di Van Wyk-Grumbach
L'Endocrinologo 14; 269-271, **2013**
96. **R. Toni**
Fuller Albright e lo pseudoipoparatiroidismo.
L'Endocrinologo 14; 176-179, **2013**
97. **R. Toni**
Il segno di Dalrymple nell'ipertiroidismo.
L'Endocrinologo 14; 36-38, **2013**
98. Gabbriellini C, I. Pradier, F. Rossi, G. Rossignoli, D. Dallatana, A. Porro, L. Speranza, **R. Toni**
Il restauro dello Spallato del Museo dipartimentale S.Bi.Bi.T. dell'Università di Parma. Biomateriali e tecnologie innovative per la valorizzazione della ceroplastica settecentesca. Progetto MIUR, Legge 6/2000 - ACPR_00312
OPD Restauro 25, 37-52, **2013**
99. **R. Toni**
Cellule da castrazione, castrati e gonadotropinoma
L'Endocrinologo 15; 36 -39, **2014**
100. **R. Toni**
La sindrome di Maestre di San Juan-Kallman- De Morsier
L'Endocrinologo 15; 82-85, **2014**

101. **R. Toni**
Taddeo Alderotti e le radici medioevali della terapia steroidea
L'Endocrinologo 15; 135-138, **2014**
102. **R. Toni**
I segni di Graefe e Stellwag nell'ipertioidismo
L'Endocrinologo 15; 186-189, **2014**
103. **R. Toni**
La sindrome da inappropriate antidiuresi
L'Endocrinologo 15; 234 - 237, **2014**
104. **R. Toni**
Il feocromocitoma e il paraganglioma
L'Endocrinologo 15; 286-289, **2014**
105. Zamparelli, N. Zini, L. Cattini, G. Spaletta, D. Dallatana, E. Bassi, F. Barbaro, M. Iafisco, S. Mosca, A. Parrilli, M. Fini, R. Giardino, M. Sandri, S. Sprio, A. Tampieri, N. M. Maraldi, **R. Toni**.
Growth on poly-L-lactic acid porous scaffold preserves CD73 and CD90 immunophenotype markers of rat bone marrow stromal cells.
J.Mat. Sci. Mat. Med. 25; 2421- 2436, **2014**
106. **R. Toni**
Mondino de'Liuzzi e l'integrazione ipotalamica
L'Endocrinologo 16; 30 - 33, **2015**
107. **R. Toni**
Efelidi, lentiggini e complesso di Carney
L'Endocrinologo 16; 123 - 126, **2015**
108. **R. Toni**
Ruggero da Parma, Rolando da Parma e la chirurgia del gozzo nel medioevo
L'Endocrinologo 16; 173 - 176, **2015**
109. **R. Toni**
Il rimodellamento osseo e l'osteoporosi
L'Endocrinologo 16; 224-227, **2015**
110. F. Trimarchi, C. di Giacomo, **R. Toni**
La semeiotica endocrino-metabolica nell'opera del pittore tedesco Alfred Durer
L'Endocrinologo 17; 45 - 51, **2016**
111. **R. Toni**
La manovra di Maranon e il segno di Pemberton nel gozzo
L'Endocrinologo 17; 114-116, **2016**

112. L. Ceglia, **R. Toni**
Vitamina D e muscolo scheletrico
L'Endocrinologo 17; 136-142, **2016**
113. **R. Toni**, A. Haumer
L'epigenetica e la sindrome di Prader-Willy
L'Endocrinologo 17; 167-170, **2016**
114. **R. Toni**, L. Ceglia
Sorgenti nutrizionali di vitamina D e prestazione atletica nell'antichità
L'Endocrinologo 17; 210-212, **2016**
115. **R. Toni**
Selezione naturale positiva, gigantismo, acromegalia e interferenti endocrini
L'Endocrinologo 17; 262-265, **2016**
116. **R. Toni**, L. Ceglia
La malattia ossea di Paget
L'Endocrinologo 17; 319-322, **2016**
117. **R. Toni**
La displasia setto-ottica o sindrome di de Morsier e i difetti della linea mediana
L'Endocrinologo 18; 297-300, **2017**
118. **R. Toni**
Le "Chaperonopatie" e la malattia di von Hippel-Lindau
L'Endocrinologo 18; 133-136, **2017**
119. **R. Toni**
Il sistema neuro-endocrino e il principio delle secrezioni interne
L'Endocrinologo 18; 185-188, **2017**
120. **R. Toni**
La sindrome metabolica
L'Endocrinologo 18; 242-245, **2017**
121. **R. Toni**
La displasia fibrosa dell'osso e la sindrome di McCune-Albright
L'Endocrinologo 18; 297-300, **2017**
122. **R. Toni**, L. Ceglia
A likely cranial osteodystrophy (Paget's disease of bone) in a pre-Columbian, mesoamerican stone sculpture
J Endocrinol Investig 40:787-788 **2017**

123. F. Simonacci, **R. Toni**, E. Raposio
Facial transplantation. An update of results and perspectives from tissue engineering
Ann It Chir 88, 352-359, **2017**
124. **R. Toni**
Il canale craniofaringeo, l'ipofisi faringea e gli adenomi ectopici dell'ipofisi
L'Endocrinologo 19; 46-49, **2018**
125. **R. Toni**
Voli spaziali e metabolismo calcio-fosforo
L'Endocrinologo 19; 101-104, **2018**
126. **R. Toni**
Le unghie di Plummer o onicolisi nell'ipertiroidismo
L'Endocrinologo, 19; 162-164, **2018**
127. **R. Toni**
Poliuria insipida iperbarica e cuore endocrino
L'Endocrinologo, 19; 266-269, **2018**
128. **R. Toni**
La tetania ipocalcémica e il segno di Trusseau
L'Endocrinologo, 19; 215-217, **2018**
129. **R. Toni**
Ormoni della leadership e dinosauri
L'Endocrinologo, 19;324 -327, **2018**
130. E. Bassoli, L. Denti, A. Gatto, G. Spaletta, M. Sofroniou, A. Parrilli, M. Fini, R. Giardino, A. Zamparelli, N. Zini, F. Barbaro, E. Bassi, S. Mosca, D. Dallatana, **R. Toni**
Towards additive manufacturing of ramified scaffolds of the thyroid vascular system: A preliminary fractal analysis
International Journal of Mechanical Engineering and Technology 9: 429-437, **2018**
131. **R. Toni**
Il carcinoma midollare della tiroide: un secolo di sfide anatomo-cliniche
L'Endocrinologo, 20; 43-46, **2019**
132. **R. Toni**
Linfatici cerebrali, sistema glimfatico e ipofisiti
L'Endocrinologo, 20; 102-105, **2019**
133. V. Pezzino, L Donato L, Quarantini E, **R. Toni**
Chirurgia ortognatica della facies acromegalica: dall'Etiopia coloniale ai giorni nostri
L'Endocrinologo, 20; 173-176, **2019**

134. **R. Toni**, P. Scudellari
Isteria e massaggio ovarico: agli albori della psiconeuroendocrinologia
L'Endocrinologo, 20; 239-242, **2019**

135. **R. Toni**
L'iperparatiroidismo
L'Endocrinologo, 20; 296-299, **2019**

136. **R. Toni**
Evoluzione del fenotipo obeso: I. Paleolitico
L'Endocrinologo, 20; 379 - 381, **2019**

137. M. Alfieri, F. Barbaro, E. Consolini, E. Bass, D. Dallatana, C. Bergonzi, A. Bianchera, R. Bettini, **R. Toni**, L. Elviri.
A targeted mass spectrometry method to screen collagen types I-V in the decellularized 3D extracellular matrix of the adult male rat thyroid.
Talanta. 193:1-8, **2019**

138. L. Donato, **R. Toni**, A. Porro, M. Vitale, F. Barbaro, R. Cecchi
The Tenchini's collection: a forensic anthropometric legacy of 19th century Parma, Italy
Forensic Research Science 4: 82-87, **2019**

139. F. Barbaro, E. Consolini, G. Toscani, N. Zini, D. Dallatana, P. Setti, S. Mosca, G. Di Conza, E. Bassi, E. Quarantini, M. Quarantini, E. Raposio, M. Gorreri, A. Porro, **R. Toni**.
The masks of Lorenzo Tenchini: their anatomy and surgical/bioengineering clues
J Anat 235; 1036 - 1044, **2019**

140. **R. Toni**
Disordini endocrino-metabolici da virus e COVID-19
L'Endocrinologo, 21; 213 – 219, **2020**

141. **R. Toni**
Iodio e gozzo endemico
L'Endocrinologo 21; 481 - 484, **2020**

142. **R. Toni**
Evoluzione del fenotipo obeso: II. Paleolitico
L'Endocrinologo 20; 53 - 57, **2020**

143. **R. Toni**
Evoluzione del fenotipo obeso: III. Periodo greco.- romano e bizantino
L'Endocrinologo 21; 131 - 136, **2020**

144. **R. Toni**
L'Unità ipotalamo-ipofisi. I. Il ruolo dell'ipotalamo.
L'Endocrinologo 21; 376 - 384, **2020**

145. L. Moroni, F. Barbaro, F. Caiment, O. Coleman, S. Costagliola, G. Di Conza, L. Elviri, S. Giselsbrecht, C. Krause, C. Mota, M. Nazzari, S. Pennington, A. Ringwald, M. Sandri, S. Thomas, J. Waddington, **R. Toni**
SCREENED: a multistage model of thyroid gland function for screening endocrine disrupting chemicals in a biologically sex-specific manner
Int J Mol Sci 21, 3648, **2020**
146. **R. Toni**, G. Di Conza, F. Barbaro, N. Zini, E. Consolini, D. Dallatana, M. Antoniel, E. Quarantini, M. Quarantini, S. Maioli, CA Bruni, L. Elviri, S. Panseri, S. Sprio, M. Sandri, A. Tampieri.
Microtopography of immune cells in osteoporosis and bone lesions by endocrine disruptors
Front Immunol 11, 1737, **2020**
147. **R. Toni**
Tipi di insulina e suoi analoghi a 100 anni dalla scoperta
L'Endocrinologo 22; 63 - 67, **2021**
148. **R. Toni**
La sindrome di Morgagni – Stewart – Morel o iperostosi frontale interna
L'Endocrinologo 22; 567 - 569, **2021**
149. **R. Toni**
Habitus eunucoide e fenotipi clinici eunucoidi
L'Endocrinologo 22; 457 - 467, **2021**
150. **R. Toni**, D. Borghi, E. Quarantini, M. Quarantini
Denosumab e cambio di paradigma nella terapia dell'osteoporosi
L'Endocrinologo 22; 253 - 257, **2021**
151. F. Trimarchi, L. Bartalena, S. Arieti, **R. Toni**
Un *case report* letterario di tireotossicosi in *La coscienza di Zeno* di Italo Svevo
L'Endocrinologo 22; 149 - 155, **2021**
152. R. De Caro et al, **R. Toni** et al.
The Italian law on body donation: a position paper of the italian College of Anatomists
Ann Anat 238; 151761, **2021**
153. MA Asnaghi, T Barthlott , F Gullotta, V Strusi, A Amovilli, K Hafen, G Srivastava, P Oertle, **R Toni**, D Wendt, A Georg. GA Holländer, I Martin
Thymus extracellular matrix-derived scaffolds support graft-resident thymopoiesis and long-term in vitro culture of adult thymic epithelial cells
Adv. Funct. Mater 2010747, **2021**
154. **R. Toni**
L'acromegalia fuggitiva (*Fugitive acromegaly*)
L'Endocrinologo 23; 72 - 75, **2022**

155. **R. Toni**

Endocrinologia evoluzionistica e gozzo tiroideo nella Grecia antica: un problema di endocrinologia ambientale
L'Endocrinologo 23; 199 – 203, **2022**

156. **R. Toni**

Le melanodermie endocrino-metaboliche: morbo di Addison e sindrome di Troiser-Hanot-Chuffard o diabete bronzino
L'Endocrinologo 23; 305 - 310, **2022**

157. **R. Toni**

La patogenesi del diabete mellito: I. Glicogenesi, iperglicemia, glicosuria
L'Endocrinologo 23; 524 - 527, **2022**

158. **R. Toni**

La calcitonina: prime evidenze di un ormone del futuro
L'Endocrinologo 23; 638 - 641, **2022**

159. G. Remaggi, F. Barbaro, G. Di Conza, G. Trevisi, C. Bergonzi, **R. Toni**, L. Elviri

Decellularization detergents as methodological variables in mass spectrometry of stromal matrices. Tissue Eng Part C 28; 148 - 157, **2022**

160. **R. Toni**, F. Barbaro, Di Conza G., Trimarchi F. Nodular goiter and laryngeal anatomic variant in two portraits of the hellenistic dramatis Menander. J. Endocrinol Investig. 45; 2203-2204, **2022**

161. **R. Toni**

Il sistema ipotalamo – ipofisi nell'antichità – I. Dalla Grecia arcaica al Medioevo
L'Endocrinologo 24; 76 - 84, **2023**

162. **R. Toni**

Il sistema ipotalamo - ipofisi nell'antichità – II. Dal rinascimento ad oggi
L'Endocrinologo 24; 179 - 186, **2023**

163. **R. Toni**, P. Scudellari

Disforia di genere: aspetti storici di un complexus psiconeuroendocrino
L'Endocrinologo 24; 301 - 310, **2023**

164. **R. Toni**, S. Mosca, S. Caravelli, M Mosca

Disordini ossei metabolici da mutazioni del locus GNAS
L'Endocrinologo 24; 417 - 422, **2023**

165. **R. Toni**, S. Mosca, S. Caravelli, M Mosca

La malattia dell'uomo di pietra: metamorfosi scheletrica da neomorfismo del recettore per Activina A / BMP
L'Endocrinologo 24; 549 – 554, **2023**,

166. G. Spaletta, M. Sofroniou, F. Barbaro, G. Di Conza, S. Mosca, **R. Toni**
A computational template for three-dimensional modeling of the vascular scaffold of the human thyroid
Tissue Eng Part A 29; 47 - 57, **2023**
167. G. Di Conza, F. Barbaro, N. Zini, G. Spaletta, G. Remaggi, L. Elviri, S. Mosca, S. Caravelli, M. Mosca, **R. Toni**
Woven bone formation and mineralization by rat mesenchymal stromal cells imply increased expression of the intermediate filament desmin
Front Endocrinol 14; 1234569, **2023**
168. **R. Toni**, F. Barbaro, G. Di Conza, N. Zini, G. Remaggi, L. Elviri, G. Spaletta, E. Quarantini, M. Quarantini, S. Mosca, S. Caravelli, M. Mosca, F. Ravanetti, S. Sprio, A. Tampieri
Bioartificial and vasculomorphic bone matrix-based organoid mimicking microanatomy of flat and short bones.
J Biomed Mat Res Part B: Applied Biomat 112:e35329, **2023**
169. **R. Toni**, A. Haumer, S. Mosca, S. Caravelli, M. Mosca
Il segno di Chvostek nell'ipocalcemia
L'Endocrinologo 24; 675 - 678, **2023**
170. **R. Toni**, A. S. Mosca, S. Caravelli, M. Mosca
La picnodisostosi: un modello naturale per la terapia dell'osteoporosi
L'Endocrinologo 25; 107-110, **2024**
171. **R. Toni**, S. Mosca, S. Caravelli, M. Mosca.
Ipoglicemia, iperinsulinemia, insulinoma
L'Endocrinologo 25; 337-343, **2024**
172. **R. Toni**, M. Zoboli, R. Giofrè, S. Mosca, S. Caravelli, M. Mosca
Il mixedema pretibiale o segno di Osler
L'Endocrinologo 25; 456-460, **2024**
173. **R. Toni**, F. Barbaro, Di Conza G, Mosca S, Lechan RM
La sindrome di Nelson-Salassa
L'Endocrinologo 25; 569-575, **2024**
174. F. Barbaro, G. Di Conza, F. Quartulli, E. Quarantini, M. Quarantini, N. Zini, C. Fabbri, S. Mosca, S. Caravelli, M. Mosca, P. Vescovi, S. Sprio, A. Tampieri, **R. Toni**
Correlation between tooth decay and insulin resistance in normal weight males prompts a role for myo-inositol as a regenerative factor in dentistry and oral surgery: a feasibility study
Frontiers Bioeng Biotechnol 12;1374135, **2024**

175. E. Sánchez-Jaramillo, E. Sánchez-Islas, GB Gómez-González, N. Yáñez-Recendis, S. Mucio-Ramírez, F. Barbaro, **R. Toni**, M. León-Olea
Perinatal exposure to Aroclor 1254 disrupts thyrotropin-releasing hormone mRNA expression in the paraventricular nucleus of male and female rats
Toxicology 508; 153935, **2024**

176. **R. Toni**, F. Barbaro, G. Di Conza, L. Elviri, S. Mosca, S. Caravelli, M. Mosca, SL Asa, K. Arkun, RM Lechan
Fugitive acromegaly: an historical, clinical, and translational perspective
Front Horm Res 55; 98-118, **2024**

177. S. Borgo, M. Di Felice, C. Fasano C, C. Masolo, V. Seidita, G. Spaletta, F. Barbaro, G. Di Conza G, E. Quarantini, M. Quarantini. **R. Toni**
Integrating ontological modelling, IoT and humanoid robotics for motor rehabilitation systems.
Proceedings of the Joint Ontology Workshops (JOWO) - Episode X: The Tukker Zomer of Ontology, and satellite events co-located with the 14th International Conference on Formal Ontology in Information Systems (FOIS 2024), Enschede, The Netherlands, **2024**

178. Y. Moghbelan, A. Esposito, I. Zyrianoff , G. Spaletta, S. Borgo, C. Masolo, F. Ballarin, V. Seidita, **R. Toni**, F. Barbaro, G. Di Conza, F.P Quartulli, M. Di Felice
A smart motor rehabilitation system based on the Internet of Things and humanoid robotics
Appl. Sci. 14, 11489, **2024**

179. RM Lechan, **R. Toni**
An overview of the life and career of Seymour Reichlin, MD, PhD
Brain Medicine <https://doi.org/10.61373/bm024g.0103>, **2024**

180. **R. Toni**, F. Barbaro, G. Di Conza, FP Quartulli, S. Mosca
Le cellule parafollicolari della tiroide e il linfonodo di Delfi
L'Endocrinologo, 26; 87 - 91, **2025**

181. **R. Toni**, F. Barbaro, G. Di Conza, FP Quartulli, S. Mosca, M. Mosca, S. Sprio, A. Tampieri
L'incredibile cromosoma 2 e il suo ruolo nei disordini osteometabolici
L'Endocrinologo, 26; 360 - 365, **2025**

182. **R. Toni**, F. Barbaro, G. Di Conza, FP Quartulli, S. Mosca, M. Mosca
Il diabete mellito J o tipo 5: un vecchio problema clinico nella nuova medicina delle migrazioni e degli stili di vita.
L'Endocrinologo, 26; 475-480, **2025**

183. **R. Toni**, F. Barbaro, G. Di Conza, FP Quartulli, S. Mosca, M. Di Felice, V. Seidita, S. Borgo
Il gozzo tiroideo nel periodo bizantino: quando la *visual thinking strategy* illumina le fonti storico-cliniche
L'Endocrinologo <https://doi.org/10.1007/s40619-025-01690-1>, **2025**
184. E. Sánchez-Jaramillo, F. Barbaro, G. Di Conza, F.P. Quartulli, Y. Gzara, S. Sprio, A. Tampieri, **R. Toni**
Perinatal polychlorinated biphenyls disrupt the TRH-TSH axis in the adult female rat: a morphometric immunocytochemical study
Arch. Clin. Toxicol. 7; 51-59, **2025**

Monographs

185. G. Toni, M. Spagnoli, F. Ruggeri, C. Trevisan, D. Cavalli, **R. Toni**
Dalla tecnica anatomica alla risonanza magnetica nello studio del sistema nervoso centrale
Aulo Gaggi Editore, Bologna, **1992**
186. **R. Toni**, LF Agnati, F. Benfenati, M. Vitale
Communication and elaboration of information in the central nervous and endocrine systems
J Endocrinol Invest 27 (suppl to n. 6), **2004**
187. T. Barni, L. Cocco, L. Manzoli, S. Morini, C. Palumbo, M. Papa, D. Ribatti, **R. Toni**.
Guida alla lettura dell'atlante di anatomia umana di Frank D. Netter
Masson, Milano, 1st ed, **2005**
188. **R. Toni**, RM Lechan, S. Sandri, M. Vitale
New frontiers and modelling in neural, endocrine and immune communication.
Acta Biomed 78 (suppl 1), **2007**
189. T. Barni, L. Cocco, L. Manzoli, S. Morini, C. Palumbo, M. Papa, D. Ribatti, **R. Toni**.
Guida alla lettura dell'atlante di anatomia umana di Frank D. Netter.
Masson, Milano, 2nd ed, **2008**
190. T. Barni, L. Cocco, L. Manzoli, S. Morini, C. Palumbo, M. Papa, D. Ribatti, **R. Toni**.
Guida alla lettura dell'atlante di anatomia umana di Frank D. Netter.
Masson, Milano, 3rd ed, **2014**
191. **R. Toni**, E. Bassi, S. Montaldo, A. Porro
Lorenzo Tenchini and his masks: an anatomical clinical collection of the late 19th century at the Universities of Parma and Turin, Skyrà, Milan, **2016**, pp. 1-123

Chapters in monographs

192. CM Caldarera, P Davalli, F Flamigni, **R. Toni**, C Clò, C Guarnieri
Inhibition of rat heart hypertrophy by 1-3 diaminopropane (DAP)
In: CM Caldarera, P Harris (eds), *Advances in Studies on Heart Metabolism*, CLUEB, Bologna, pp 519-526, **1982**

193. L F Agnati, K Fuxe, L Zini, L Giardino, M Zoli, F Benfenati, L Calzà, G Toffano, **R. Toni**, CA Seyfried
Possible therapeutical approaches for Parkinsonian disease: new mechanisms for modulation of dopamine receptor sensitivity and new strategies for dopaminergic reinnervation of striatus
In: A Agnoli, G Bertolani (eds), *Atti X Riunione Limpe*, Pubblicazioni D Guanella, Roma, pp 119-123, **1984**

194. M Zoli, K Fuxe, LF Agnati, A, Haerfstrand, L Terenius, **R. Toni**, M Goldstein
Computer assisted morphometry of transmitter-identified neurons. New openings for the understanding of peptide-monoamine interactions in the medio-basal hypothalamus
In: P Panula, H Paivarinta, S Soinila (eds), *Neurohistochemistry, Modern Methods and Applications*, vol 16, Alan R Liss Inc, New York, pp 137-172, **1986**

195. CA Boicelli, AM Baldassarri, A Bondi, AM Giuliani, **R. Toni**
Towards NMR spectroscopy in vivo. Relationship between NMR parameters and histology
In: EM Bradbury, CA Nicolini (eds), *NMR in the Life Sciences*, NATO ASI Series (A): Life Sciences, Plenum Publ Corp, New York and London, vol 107, 179-185, **1986**

196. K Fuxe, LF Agnati, A Haerfstrand, P Eneroth, I Kitana, C Farabergoli, M Tesini, **R. Toni**, M Goldstein
New vistas on the morphofunctional organization of the endocrine hypothalamus. Focus on aging induced changes in the arcuate nucleus and in the medianosomes of rat
In: P Vezzadini, A Facchini, G Labò (eds), *Neuroendocrine System and Aging*, EURAGE, The Netherlands, vol 8, pp 13-25, **1986**

197. P Vezzadini, P Tomassetti, B Bonora, **R. Toni**, L Bagnoli, A Balduzzi, M Annichiarico, G Labò.
Gastrina ed ulcera peptica
In: F Di Mario, G Battaglia, F Vianello (es), *New Trends in Ulcer Disease: Heterogeneity, Subclinical Markers, Treatment* ", *Advances in Gastroenterology*, Piccin Ed, pp. 81-85, **1989**

198. R M Lechan, **R. Toni**
Thyrotropin releasing hormone (TRH) neuronal systems in the central nervous system
In: CB Nemeroff (ed), *Neuroendocrinology*, CRC Press, Inc., Boca Raton, Florida, pp. 275-326, **1992**

199. H. Akal, S. Campeau S., WE. Cullinam, RM Lechan, **R. Toni**, SJ. Watson, RY Moore
Neuroendocrine systems I: overview - thyroid and adrenal axis
Zigmond M, Bloom F, Landis S, Roberts J, Squire L (Eds), Fundamental Neuroscience,
Section VI: Regulatory Systems, Chapter 43, Academic Press, San
Diego, CA, pp. 1127-1150, **1999**
200. RM Lechan, **R. Toni**
Regulation of pituitary function
ME Molitch (Ed.) Neuroendocrinology and pituitary disease, Atlas of Clinical
Endocrinology, SG: Korenman (series Ed), Current Medicine, Philadelphia, vol 4,
pp.1-25, **2000**
201. R.M. Lechan, **R. Toni**
Thyroid hormones in neural tissue.
In: D. Pfaff (Ed), Hormones, Brains and Behavior, Academic Press, New York,
pp.157-238, **2002**
202. RM Lechan, **R. Toni**
Regulation of pituitary function
In: Neuroendocrinology and Pituitary Disease, Images.MD, The Online Eyclopedia of
Medical Images, Current Medicine, pp.1-56, **2003**
203. AC Gore and JL Roberts (chapter Editors)
R. Toni, RM Lechan, M Vjthilingam, DS Cahrney, JL Cameron, PM Wise, MJ Baum
Neuroendocrine systems
In: Squire L, Bloom F, McConnell SK, Roberts J, Spetzer NC, Zigmond M, (Eds),
Fundamental Neuroscience, Section VI: Regulatory Systems, Chapter 40, Academic
Press, San Diego, CA, pp. 1031-1065, **2003**
204. RM Lechan, **R. Toni**
Functional anatomy of the hypothalamus and pituitary
In: G.M. Besser (Ed), Pituitary Disease and Neuroendocrinology. Endotext.com, The
Endocrine Source on the Web, chapter 3b,WWW.ENDOTEXT.ORG, **2003**
205. RM Lechan, **R. Toni**
Functional anatomy of the hypothalamus and pituitary
In: G.M. Besser (Ed), Pituitary Disease and Neuroendocrinology, Endotext.com,
The Endocrine Source on the Web, chapter 3b,WWW.ENDOTEXT.ORG, **2008**
206. R.M. Lechan, C.Fekete C, **R. Toni**
Thyroid hormone in neural tissue.
In: Pfaff DW et al (Eds). Hormones, Brain and Behavior, vol. 2 (ch 43), San Diego,
CA, Academic Press, ISBN/ISSN: 012532104X, pp. 1-40, **2009**
207. N. Venturi, P. Chiodera, **R. Toni**
Basi per l'equilibrio energetico ed endocrino-metabolico dello sportivo
In: Quarantini M (Ed), Il Manuale del Beach Tennis, Grafica Editoriale Printing, Bologna,
pp. 98-107, **2010**

208. RM Lechan RM, Cs Fekete, **R. Toni**
Thyroid hormones in neural tissue.
In: Etgen M, Pfaff DW (Eds). Molecular mechanisms of hormone action on behaviour. San Diego, CA, Elsevier, pp. 198-236, **2010**

209. A. Porro, **R. Toni**
Cenni storici sulla Facoltà e la Sanità di Parma
In: Borghi L (Ed), Bilancio di Missione e Progetto di Innovazione, Rapporto sulla Facoltà di Medicina e Chirurgia dell'Università di Parma, Tipogrom srl, Parma, pp. 11-13, 54, 86, 222, 242, 288, 298, **2011**

210. **R. Toni**, A. Porro, D. Dallatana, M. Bodria, M. Vitale, RM Lechan, G. Masotti.
Il metodo sperimentale di Paolo Mascagni e l'antropometria costituzionale-forense di Lorenzo Tenchini nella tradizione anatomica dello Studium di Parma.
In: Gerbino A (Ed), Plumelia, Almanacco di Cultura, vol II, Palermo, pp. 527 - 541, **2011**

211. A. Porro, **R. Toni**
Lorenzo Tenchini (Brescia 1852-1906).
In: Daninos A (Ed), Avere una bella cera. Le figure in cera a Venezia e in Italia. Officina Libraria, Milano, pp. 143-150, **2012**

212. **R. Toni**
Museo S.BI.BI.T. Università di Parma
In: Baudinelli R, Calzolari M, e Direzione Musei Citati (Eds), Guida ai Musei di Parma e Provincia, Toriazzi, Parma, 2013, pp. 70-72, **2013**

213. S. Sprio, S., M. Sandri, M. Iafisco, I. Panzeri, C. Cunha., A. Ruffini, N. Zini, **R. Toni**, A. Tampieri.
Biomimetic biomaterials in regenerative medicine.
In: Ruys, A.J. (Ed), Biomimetic Biomaterials, Structure and Applications, Ch.1, Whoodhead Publishing, Cambride, U.K., pp. 3-45, **2013**

214. RM Lechan, **R. Toni**
Functional anatomy of the hypothalamus and pituitary
In: Besser GM, Karbonitis M (Eds), Pituitary Disease and Neuroendocrinology. Endotext.com, The Endocrine Source on the Web, chapter 3b, WWW.ENDOTEXT.ORG, **2013**

215. E. Bassoli, L. Denti, A. Gatto, G. Spaletta, M. Sofroniou, A. Parrilli, M. Fini, R. Giardino, A. Zamparelli, N. Zini, F. Barbaro, E. Bassi, S. Mosca, D. Dallatana, **R. Toni**.
A planar fractal analysis of the arterial tree of the human thyroid gland: implications for additive manufacturing of 3D ramified scaffolds.
In: Bartolo PS. et al (Eds). High Value Manufacturing: Advanced Research in Virtual and Rapid Prototyping, CRC Press, Taylor & Francis group, London, pp. 423-429, **2014**

216. M. Vitale **R. Toni**
L'Anatomia settoria nella formazione del Medico; Sectorial anatomy in medical education
In: Amendola A, Pastorino U (Ed), Le Cere Vive di Clemente Susini, FMR, Parma
pp. 167-172, **2014**
217. P. Giaretta, **R. Toni**, S. Borgo.
Linguaggio mereologico e descrizione anatomica.
In: Minelli A (Ed), Descrivere e Interpretare il Vivente, Armando, Roma, pp. 13-47
2015
218. **R. Toni**, E. Bassi, S. Montaldo, A. Porro.
Introduction.
In: Toni R et al (Eds), Lorenzo Tenchini and his masks: an anatomical clinical collection of the late 19th century at the Universities of Parma and Turin, Skyrà, Milan, pp 17-19,
2016
219. **R. Toni**, E. Bassi, M. Alfieri, F. Barbaro, D. Dallatana, N. Zini, S. Mosca, C. Della Casa, F. Simonacci, E. Raposio, A. Porro.
Lorenzo Tenchini, clinical anatomist in Parma and forerunner of the simulated face transplant.
In: Toni R et al (Eds), Lorenzo Tenchini and his masks: an anatomical clinical collection of the late 19th century at the Universities of Parma and Turin, Skyrà, Milan, pp 21-27,
2016
220. **R. Toni**, E. Bassi, N. Zini, A. Zamparelli, F. Barbaro, D. Dallatana, S. Mosca, G. Lippi, G. Spaletta, E. Bassoli, L. Denti, A. Gatto, A. Parrilli, M. Fini, R. Giardino, M. Sandri, S. Sprio, A. Tampieri.
Bioartificial endocrine glands: at the cutting edge of translational research in endocrinology.
In: Sprio S. Tampieri A (Eds). Bio-inspired regenerative medicine: material, processes, and clinical applications.
Pan Stanford Publishing, Singapore, ch. 15, pp 357-387, **2016**
221. RM Lechan, **R. Toni**
Functional anatomy of the hypothalamus and pituitary
In: Besser GM, Karbonitis M (Eds), Pituitary Disease and Neuroendocrinology. Endotext.com, The Endocrine Source on the Web, chapter 3b, WWW.ENDOTEXT.ORG, pp. 1- 145, **2016**
222. L. Ceglia, **R. Toni**
Vitamin D and muscle performance in athletes.
In: Feldman D et al (Eds), Vitamin D, Volume II: Health, Disease and Therapeutics, Fourth Edition, Academic Press, San Diego and Cambridge (MA), , pp. 1121-1130, **2018**

223. R.M. Lechan, K. Arkun, **R. Toni**
Pituitary anatomy and development
In: Tritos NA, Klibanski A (Eds), Prolactin disorders: from basic science to clinical management, Contemporary Endocrinology Series, Humana Press, Springer Nature Switzerland, ch. 2, pp. 11-54 **2019**
224. F. Barbaro, E. Bassi, **R. Toni**
Surgical anatomy of the vascularization and innervation of the human scalp
In: Raposio E (Ed), Atlas of Surgical Therapy for Migraine and Tension-Type Headache, Springer Nature Switzerland, ch. 2, pp. 5 - 11, **2020**
225. F. Barbaro, G. Di Conza, G. Toscani, M. Antoniel, P. Setti, E. Caddeo, E. Quarantini, M. Quarantini, M. Gorreri, **R. Toni**
The masks of Lorenzo Tenchini at the University of Parma: their legacy to the modern concepts of facial transplantation, additive layer manufacturing, and facial recognition algorithms. In: Ballestriero R, Burke O, Zampieri F (Eds), Ceroplastics, The Science of Wax, L'Erma di Bretschneider, Rome, Italy, pp. 311-318, 365 - 366, **2022**
226. RM Lechan, **R. Toni**
Functional anatomy of the hypothalamus and pituitary
In: Levy, Karbonitis M (Eds), Pituitary Disease and Neuroendocrinology. Endotext.com, The Endocrine Source on the Web, chapter 3b, WWW.ENDOTEXT.ORG, pp. 1- 120, **2023**.
227. A. Porro, F. Barbaro, **R. Toni**
The death masks made by Lorenzo Tenchini
In: The Lombroso Museum "Cesare Lombroso", Museum of Criminal Anthropology. Hapax, Turin, Italy, pp. 129-131, **2024**

Abstracts

228. CM Caldarera, P Davalli, F Flamigni, **R Toni**, C Clò, G Guarnieri
Inhibition of rat heart hypertrophy by 1-3 diaminopropane (DAP)
J Mol Cell Cardiol 13 (1), 13, **1981**
229. **R Toni**, L Bolondi
Critical review: F. Conti et al, Introduzione alla Risonanza Magnetica Nucleare, Maranese ed, Roma, 1982
Ultrasuonodiagnostica, anno IV/4, 72, **1983**
230. F Benfenati, LF Agnati, K Fuxe, L Calzà, L Giardino, L Calzolari, **R Toni**, G Toffano
Chemical morphometry of transmitter-identified neurons. Studies on monoamine systems at the pre- and postsynaptic levels
Neurosci Lett 14, 524, **1983**

231. **R Toni**, L Bolondi, S Gaiani, G Re, G Cavalli, G Labò
Il calibro delle arterie epatica e splenica nell'epatite cronica attiva (ECA) e nella
cirrosi epatica
Abstracts dell'VIII Congresso Nazionale SISUM, Bologna, 13-15 Novembre **1983**, 240
232. L Bolondi, **R Toni**, S Gaiani, G Re, G Cavalli, G Labò
Correlazione tra il calibro dell'arteria splenica e le dimensioni della milza
Abstract dell'VIII Congresso Nazionale SISUM, Bologna, 13-15 Novembre **1983**, 312
233. G Re, L Bolondi, **R Toni**, AM Casali, G Cavalli, G Labò
La via arteriosa splenica nella splenomegalia congestizia
Abstracts dell'VIII Congresso Nazionale SISU, Bologna, 13-15 Novembre **1983**, 241
234. CA Boicelli, C Guarnieri, **R Toni**
Induced cardiac hypertrophy in rats
Abstracts of the 2nd Annual Meeting of the Society of Magnetic Resonance in
Medicine, S Francisco, California, August 16-19, **1983**
235. M Mueller, D Cheneval, R Moser, **R Toni**, E Carafoli
Interaction of doxorubicin (adriamycin) with the phosphate transport protein (PTP)
and cardiolipin of the inner mitochondrial membrane (IMM)
Abstracts of the Third European Bioenergetic Conference, Hannover, September 2-7,
1984, vol 3B, 719
236. S Papa, P Santi, A Galanzi, **R Toni**, M Vitale
Modificazioni conformazionali della cromatina analizzate in citofluorimetria a flusso
XL Convegno della Società Italiana di Anatomia, Como, 25-27 Settembre **1984**, 351
237. S Papa, S Miscia, F Marinelli, A Cataldi, **R Toni**
Caratterizzazione citofluorimetrica della matrice nucleare
XL Convegno della Società Italiana di Anatomia, Como, 25-27 Settembre **1984**, 349
238. L Calzà, L Giardino, A Pentoli, **R Toni**, A Steinbush, L Agnati
Evidenza sperimentale dell'esistenza di un nuovo gruppo di neuroni serotonergici
nel nucleo del tratto solitario
XL Convegno della Società Italiana di Anatomia, Como, 25-27 Settembre **1984**, 83
239. A Bondi, **R Toni**, Ceccarelli
Evidenziazione immunocitochimica della mioglobina in tessuti umani
XL Convegno della Società Italiana di Anatomia, Como, 25-27 Settembre **1984**, 61
240. **R Toni**, A Boicelli, A Bondi, A Baldassarri, C Guarnieri
Analisi 1H-NMR ed istologica del cuore di ratto trattato con isoproterenolo
XL Convegno della Società Italiana di Anatomia, Como, 25-27 Settembre **1984**, 443

241. A Haerfstrand, K Fuxe, L Agnati, D Ganten, R Grimaldi, **R Toni**, K Tatemoto, V Mutt
Effects of neuropeptide Y and neurotensin injected intracisternally on the catecholaminergic regulation of central cardiovascular control: studies in the a-chloralose anesthetized rat of various strains
Abstracts of the Symposium on Neuropeptides and Blood Pressure Control, June 12-14, **1984**, Heidelberg, Germany

242. K Fuxe, L Agnati, A Haerfstrand, M Martire, M Goldstein, R Grimaldi, **R Toni**, L Zini, M Kalia, K Tatemoto, V Martire, M Mutt
Morphometrical and biochemical evidence for a modulation by neuropeptide Y of the a-adrenergic transmission line in the medulla oblongata of the rat
Abstract of the Symposium on Neuropeptides and Blood Pressure control, June 12-24, **1984**, Heidelberg, Germany

243. L Agnati, K Fuxe, F Benfenati, N Battistini, M Zoli, C Fabergoli, **R Toni**, G Toffano
Modulatory effects of CCK-4 and CCK-8 on DA and 5HT-2 recognition sites.
Aspects on the concept of heterostatic mechanism in central monoamine synapses
Abstract of the First International Conference on Neuronal Cholecystokinin, Bruxelles, Belgium, July 3-6, **1984**, 26

244. K Fuxe, L Agnati, K Andersson, JA Gustafsson, A Haerfstrand, P Eneroth, Z-Y Yu, **R Toni**, P Bernardi, W Vale
CRF immunoreactive neuron systems. Their relationship to glucocorticoid receptors and their interactions with catecholamine and neuropeptide neuron systems
Abstracts of the 1984 Regional Meeting of the International Union of Physiological Sciences, Jerusalem, August 26-31, **1984**, 29

245. G Bonora, P Vezzadini, S Bernardini, R Ecchia, L Massarenti, **R Toni**, G Labò
Dosaggio radioimmunologico della motilina nel plasma umano
Atti dell'VIII Congresso Nazionale della Società Italiana di Biochimica Clinica, Lacco Ameno d'Ischia (Napoli), 10 Agosto **1984**, 8, 187, P 6.5.

246. P Vezzadini, G Bonora, **R Toni**, L Massarenti, R Ecchia, G Labò
Effect of bombesin on serum immunoreactive trypsin in patients with cacinoma or endocrine tumor of the pancreas
Abstract of the XIX Czechoslovak Congress of Gastroenterology, Karlovy Vary, November 12-16, **1984**, 534

247. P Vezzadini, G Bonora, **R Toni**, M Annichiarico, S Bernardini, R Ecchia, G Labò
Interdigestive serum motilin concentration in patients with hypergastrinemic chronic atrophic gastritis
Abstract of the XIX Czechoslovak Congress of Gastroenterology, Karlovy Vary, November 12-16, **1984**, 535

248. A Martelli, A Antonucci, A Ognibene, **R Toni**, M Vitale, G Mazzotti
Effetto della fosfatidilserina sui nucleosomi in situ ed isolati. Analisi
conformazionale con il fluorocromo 6-iodacetamidofluoresceina
Atti del XX Congresso della Società Italiana di Istochimica, Milano, 30-31 Maggio
1985, 133
249. **R Toni**, CA Boicelli, A Bondi, A Baldassarri, G Pierangeli
Caratterizzazione 1H-NMR ed istologica di muscoli papillari umani
Comunicazioni scientifiche in poster del VI Congresso della Società Italiana di
Anatomia Patologica, Milano, 5-8 Giugno **1985**, 21
250. **R Toni**, CA Boicelli, A Bondi, A Baldassarri, P Vezzadini, D, Marrano
Caratterizzazione 1H-NMR ed immunoistochimica di tumori neuroendocrini del
pancreas umano
Comunicazioni scientifiche in poster del VI Congresso della Società Italiana di
Anatomia Patologica, Milano, 5-8 Giugno **1985**, 23
251. CA Boicelli, **R Toni**, AM Baldassarri, A Bondi, P Vezzadini
Characterization of human endocrine pancreatic tumors
Abstracts of the Society of Magnetic Resonance in Medicine, Fourth Annual Meeting,
The Barbican, London, August 19-23, **1985**, 1, 24
252. F Agnati, K Fuxe, R Grimaldi, M Zoli, I Zini, G Gavioli, A Haerfstrand, F Benfenati,
R Toni, M Goldstein
Morphofunctional evidence for an alteration in central and peripheral
cardiovascular control in aging
Abstract of the International Symposium on New Trends in Aging Research, Bologna,
6-9 Novembre **1985**, 104
253. **R Toni**, L Bolondi, P Casanova, S Gaiani, S Mosca, L Favero, P Vezzadini
Proposta di metodo per lo studio anatomo-ecografico della vascolarizzazione
surrenale e renale sull'organo isolato
Ultrasuoni in Medicina, Supp al n 3, 171, **1985**
254. **R Toni**, L Bolondi, S Gaiani, P Casanova, L Favero, S Mosca, P Vezzadini
Proposta di metodo per la studio anatomo-ecografico dei vasi venosi intraepatici
sull'organo isolato
Ultrasuoni in Medicina, Supp al n 3, 170, **1985**
255. **R Toni**, L Bolondi, W Grigioni, P Casanova, V Villanacci
Caratterizzazione di un angioma epatico mediante analisi ecografica ed istologica
Ultrasuoni in Medicina, Supp al n 3, 19, **1985**
256. **R Toni**, L Favero, S Mosca, G Cipolla D'Abruzzo, M Mastroianni, G Gozzetti, P
Vezzadini
Studio anatomo-clinico di un caso di fistola arterovenosa del polmone
Abstracts del XXXI Convegno Nazionale della Società Italiana di Anatomia, Torino,
28-Settembre/1 Ottobre **1986**, 98

257. **R Toni**, D Morsiani, A Pastremoli, G Borea, G Toni
The clinical anatomy of the posterior wall of the articular eminence: its inclination as a stratigraphic sign of glenoid cavity modifications
Atti del Simposio Internazionale satellite al XXXII Congresso Nazionale della Società Italiana di Anatomia: New Trends in Oral Anatomy, Siena, 30 Settembre **1987**, 343

258. **R Toni**, L Bolondi, L Calabrese, G Re, G Cavalli, P Vezzadini
Studio ultrasonografico di parametri anatomo-clinici della regione tiroidea: il calibro dell'arteria tiroidea inferiore ed il volume tiroideo
Atti del XXXII Congresso Nazionale della Società Italiana di Anatomia, Siena, 27 Settembre/1 Ottobre **1987**, 171

259. **R Toni**, S Mosca, L Favero, L Bolondi, P Vezzadini, G Toni
Segmental anatomy of the liver: further observations
Acta Anat 130 (1), 92, **1987**

260. **R Toni**, L Favero, S Mosca, S Ricci, R Roversi, L Cocco, P Vezzadini, G Toni
Angiography versus resin corrosion casts of the pancreatic arteries: anatomo-clinical considerations
Acta Anat 130 (1), 92, **1987**

261. **R Toni**, S Mosca, L Favero, S Ricci, R Roversi, L Cocco, P Vezzadini,, G Toni
Anatomo-clinical observations on some morphologic parameters of the adrenal arteries and age-related changes of their diameter studied by angiography
Acta Anat 130 (1) 92-93, **1987**

262. **R Toni**, S Mosca, L Favero, S Ricci, R Roversi, L Cocco, P Vezzadini, G Toni
Quantitative anatomo-clinical parameters of the thyroid arteries studied by angiographic approach
Acta Anat 130 (1), 93, **1987**

263. **R Toni**, L Bolondi, L Calabrese, G Cavalli, P Vezzadini
Il calibro dell'arteria tiroidea inferiore in pazienti con gozzo non tossico, malattia di Graves ed ipotiroidismo primitivo
Ultrasuoni in Medicina, Supp al n 3, 22, **1987**

264. **R Toni**, L Bolondi, S Mosca, L Favero, G Toni
Le proiezioni delle scissure portalì, i rapporti vasali reciproci nelle triadi portalì, l'angiotettonica dei linfatici del fegato umano: considerazioni anatomo-ecografiche
Ultrasuoni in Medicina, Supp al n 3, 33, **1987**

265. **R Toni**, L Bolondi, L Favero, S Mosca
Combined ultrasonographic/resin injection method to investigate the segmental intrahepatic architecture
Clinical Anatomy 1 (1), 70, **1988**

266. **R Toni**, IMD Jackson, RM Lechan
Innervation of rat paraventricular (PVN) hypothalamic proTRH-synthesizing neurons by immunoreactive neuropeptide Y
Abstracts of the 18th Annual Meeting of the Society for Neurosciences, Toronto, November **1988**, n 271.11
267. **R Toni**, IMD Jackson, RM Lechan
Somatostatinergic innervation of TRH neurons in the rat hypothalamic paraventricular nucleus (PVN): evidence for unique specialization of contacts with thyroid hormone-responsive cells
Abstract of the 71th Meeting of the Endocrine Society, Seattle, June 21-24, **1989**, 338
268. RM Lechan, **R Toni**, BD Clark, JG Cannon, AR Shaw, CA Dinarello
Interleukin 1-beta localization in rat brain and pituitary
Abstract of the 71th Meeting of the Endocrine Society, Seattle, June 21-24, **1989**, 263
269. **R Toni**, IMD Jackson, RM Lechan
Synaptic interactions between thyrotropin-releasing hormone (TRH) neurons in the rat hypothalamic paraventricular nucleus (PVN): anatomical basis for ultrashort feedback regulation of tuberoinfundibular TRH
J Endocrinol Investig (Supp 2), 12, 96, **1989**
270. **R Toni**, RM Lechan
1-Naphthol-pyronin B as a substrate for silver-gold (SG) intensification: application to double-labeling immunocytochemistry of neuroendocrine systems
Basic Appl Histochem (Supp), 33, 100, **1989**
271. **R Toni**, IMD Jackson, SE Leeman, RM Lechan
Innervation of rat hypothalamic paraventricular (PVN) TRH-synthesizing neurons by immunoreactive neurotensin
Abstracts of the 19th Annual Meeting of the Society for Neuroscience, Phoenix, October 29-November 3, **1989**, 298.13
272. **R Toni**, L Bolondi, S Mosca, L Favero, G Toni, L Barbara
Il calibro dell'arteria tiroidea inferiore in relazione al sesso, al peso corporeo e all'età in soggetti normali: valutazione anatomica clinica con ultrasonografia in tempo reale
Ultrasuoni in Medicina, Supp al n 2, 47, **1989**
273. **R Toni**, L Bolondi, S Gaiani, L Barbara
Correlazione tra calibro dell'arteria tiroidea inferiore e volume tiroideo in corso di gozzo non tossico
Ultrasuoni in Medicina, Supp al n 2, 47, **1989**

274. JI Koenig, K Snow, BD Clark, **R Toni**, JG Cannon, AR Shaw, CA Dinarello, S Reichlin, SL Lee, RM Lechan
Intrinsic pituitary interleukin 1-beta is induced by bacterial lipopolysaccharide (LPS)
Abstracts of the 72nd Meeting of the Endocrine Society, Atlanta, June 20-23, **1990**, 352

275. **R Toni**, IMD Jackson, P Marrama, RM Lechan
Neuropeptidergic synaptic regulation of TRH-synthesizing neurons in the rat hypothalamic paraventricular nucleus (PVN)
J Endocrinol Invest, 13 (Suppl 1 to n 4), 47, **1990**

276. **R Toni**, IMD Jackson, P Marrama, RM Lechan
Neuropeptide innervation of hypothalamic paraventricular (PVN) neurons
Neuroendocrinology, 52 (Suppl 1), P 2.68, **1990**

277. **R Toni**, S Mosca, IMD Jackson, RM Lechan
Ultrastructural localization of N-terminal peptides derived from proTRH in the rat hypothalamus
Cell Biology Internat Reports, 14 (Suppl), 144, **1990**

278. **R Toni**, RM Lechan
Hypophysiotropic neuroendocrine circuitries between thyrotropin-releasing hormone-, somatostatin- and neuropeptide Y-immunoreactive neurons in the rat hypothalamic paraventricular nucleus (PVN)
Abstracts 44° Congresso della Società Italiana di Anatomia, Bologna, Italy, Settembre 24-26, 163, **1990**

279. **R Toni**, S Mosca
The hypothalamo-pituitary neuroendocrine axis as integrator of body homeostasis
J Artificial Organs, 13 (9), 631, **1990**

280. **R Toni**
Light microscopic and ultrastructural organization of the interleukin 1-beta neuronal system in the rat hypothalamic paraventricular nucleus
Abstracts International Symposium on Endocrinology Under 35, Siena, Italy, October 8-10, **1990**

281. **R Toni**, S Mosca, L Nanni Costa, S Stefoni, V Bonomini
Ipotesi critica sul ruolo della attivazione monocitaria nel controllo ipotalamico dei fluidi in corso di emodialisi
X Convegno "Sistema endocrino e insufficienza renale", Società Italiana di Nefrologia, Sezione Tosco-Ligure, Lucca, Italy, Ottobre 19, **1990**

282. **R Toni**, S Mosca, P Marrama, RM Lechan
Ultrastructural organization of the afferent synaptic field to TRH tuberoinfundibular neurons in the rat hypothalamus
Neurosci Letters, 39 (Suppl), S213, **1990**

283. **R Toni**, S Mosca, F Ruggeri, NM Maraldi
Light and electron microscopic immunocytochemistry, confocal microscopy and in situ hybridization histochemistry of proTRH tuberoinfundibular neurons
Eu J Basic App Histochem, 35 (Supp), 89, **1991**
284. **R. Toni**, M. Vitale, S Mosca, L Zamai, AM Martelli, L Cocco
Light microscopic and flow cytometric analysis of cell cycle kinetic in primary cultures of rat anterior pituitary
J Endocrinol Investig, 14, (Supp) 4 to 6, 83, **1991**
285. **R Toni**
L'ipotiroidismo aumenta il numero e l'immunoreattività dei neuroni a VIP dei nuclei paraventricolare e sopraottico dell'ipotalamo del ratto.
Abstracts 45° Congresso della Società Italiana di Anatomia, Posto Conte, Alghero, 15-19 Settembre, **1991**
286. **R Toni**, M Vitale, S Mosca, L Zamai, AM Martelli, L Cocco
Proliferazione cellulare in colture primarie di adenoipofisi di ratto: analisi in microscopia ottica e citometria a flusso
Abstracts 45° Congresso della Società Italiana di Anatomia, Posto Conte, Alghero, 15-19 Settembre, **1991**
287. **R Toni**, M Vitale, S Mosca, L Zamai, AM Martelli, L Cocco
PreproTRH 53-74 stimulates primary culture of rat anterior pituitary to enter early S-phase
Abstracts 21st Annual Meeting of the Society for Neuroscience, New Orleans, LA, November 10-15, **1991**, 388.11
288. **R Toni**, S Mosca
Hypothyroidism increases VIP immunoreactivity and visualizes ultrashort circuitries between VIP- and TRH-hypophysiotropic neurons in the rat hypothalamic paraventricular nucleus
J. Endocrinol Investig 15, supp1 to 4, 133, **1992**
289. **R. Toni**, M. Vitale, S. Mosca, L. Zamai, A.M. Martelli, L. Cocco
Aging of primary cultures of rat anterior pituitary is associated with reduced cell cycle-dependent G1/S transition
Abstract Ninth International Congress of Endocrinology, Nizza, Agosto 30-Settembre 5, **1992**, 603
290. S. Mosca, **R Toni**, AM Martelli, E Falcieri, F Ruggeri, L Cocco
Localizzazione immunocitochimica della fosfoinositidasi c-beta in cellule GH4C1
Abstracts 46 Convegno Nazionale della Società Italiana di Anatomia, SM Ligure, 4-7 Ottobre, **1992**, 179

291. **R Toni**, I Kakucska, S Mosca, RM Lechan
L'ipotiroidismo stimola l'espressione genica del VIP selettivamente nel nucleo paraventricolare dell'ipotalamo del ratto
Abstracts 46° Convegno Nazionale della Società Italiana di Anatomia, SM Ligure, 4-7 Ottobre, **1992**, 272

292. **R Toni**
Mitogenic neuropeptides in the rat hypothalamus and anterior pituitary
CNR, Progetto Finalizzato ACRO, Sottoprogetto 8, Riunione delle Unità Operative, Milano, 29 settembre **1992**, Dammacco F (Ed), Laterza Litostampa SNC, Bari, vol 1, 73

293. **R Toni**, S. Mosca, F Ruggeri, G Toni,
Thyroid hormone regulates vasoactive intestinal polypeptide (VIP) immunoreactivity in olfactory limbic and hypophysiotrophic diencephalic regions of the rat brain
Eu J Histochemistry, 37 (supp), 62, **1993**

294. **R Toni**, S. Mosca, AM Martelli, L. Cocco
Immunocytochemical distribution of phosphoinositidase C isoenzymes in GH4 cells
Abstracts 75th Meeting of the Endocrine Society, Las Vegas, June 9-12, **1993**, 123

295. **R Toni**, S Mosca, AM Martelli, L Cocco
Immunocytochemical distribution of phosphoinositidase C-beta isoenzyme in primary cultures of rat anterior pituitary
Abstracts International Pituitary Congress, Marina del Rey, June 13-15, **1993**, MP-6

296. **R Toni**, S Mosca, F Ruggeri, G Toni, P Vezzadini
Hypothyroidism increases vasoactive intestinal polypeptide (VIP) immunoreactivity in the subfornical organ and hypothalamic supraoptic nucleus of the rat
J Endocrinol Investig 16, supp 1 to 8, 249, **1993**

297. **R. Toni**
Regulatory factors for neuropeptides and enzymes involved in the control of cell growth in the rat limbic system and anterior pituitary
CNR, Progetto Finalizzato ACRO, sottoprogetto 8, Riunione delle Unità Operative, Milano 29-30 Giugno, **1993**, Dammacco F (Ed), Laterza Litostampa SNC, Bari, vol 2, 81

298. **R. Toni**, S. Mosca, F. Ruggeri, R.M. Lechan
Interazioni dirette tra neuroni a somatostatina (SRIF) e thyrotropin-releasing hormone (TRH) nel nucleo paraventricolare dell'ipotalamo del ratto: basi anatomiche per la coordinazione della secrezione di SRIF e TRH nel sistema tuberoinfundibolare
Abstracts 47° Convegno Nazionale della Società Italiana di Anatomia, Perugia, 26-29 Settembre **1993**, 120

299. **R. Toni**, S. Mosca, L. Zamai, F. Ruggeri, A. Valmori, M. Vitale, RM Lechan
The role of neuropeptides and nuclear signalling systems in the regulation of cell growth in the rat forebrain and anterior pituitary
CNR, Progetto Finalizzato ACRO, sottoprogetto 8, Riunione delle Unità Operative, Roma, 9-10 Giugno, **1994**, 408
300. **R. Toni**, S. Mosca, F. Ruggeri, RM Lechan, P. Vezzadini
Selective regulation by thyroid hormone of vasoactive intestinal polypeptide (VIP) in forebrain-neurohypophyseal pathways: neuroendocrine basis for the syndrome of inappropriate secretion of antidiuretic hormone in hypothyroidism
J Endocrinol Investig 17, supp 2 to n. 3, 22, **1994**
301. **R. Toni**, S. Mosca, P. Vezzadini
Hypothyroidism induces regressive morphological changes to distinct groups of somatostatin-immunoreactive neurons in the periventricular region of the male rat hypothalamus
Abstracts 76th Annual Meeting of the Endocrine Society, Anaheim, June 15-18, **1994**, 483
302. **R. Toni**, S. Mosca, RM Lechan, IMD Jackson, P. Vezzadini
Immunocytochemical distribution of the thyrotropin-releasing hormone (TRH) prohormone (pro-TRH) and its N-terminal peptides in the rat subfornical organ
Eur J Endocrinol 130, supp 2, 251, **1994**
303. S. Mosca, **R. Toni**,
L'analisi del ciclo cellulare nelle colture primarie di adenoipofisi di ratto adulto rivela un blocco di progressione entro al fase G1 indipendente d stimoli trofici fisiologici.
Ital J Anat Embriol 99, supp, 252, **1994**
304. **R. Toni**, S. Mosca, F. Ruggeri, RM Lechan
Studio stereologico delle distribuzioni dei neuroni a TRH e della loro innervazione a somatostatina nel nucleo paraventricolare dell'ipotalamo del ratto
Ital J Anat Embriol 99, supp, 131, **1994**
305. **R. Toni**, S. Mosca, G. Orlandi, P. Vezzadini
Thyroid hormone regulates the coexistence of vasoactive intestinal polypeptide and vasopressin in the supraoptic nucleus of the male rat
Abstracts 77th Annual Meeting of the Endocrine Society, Washington, DC, June 14-17, **1995**, 576
306. **R. Toni**
Role of vasoactive intestinal polypeptide and protein kinase C in the regulation of cell growth in the rat forebrain and anterior pituitary
CNR, Progetto Finalizzato ACRO, sottoprogetto 8, Riunione delle Unità Operative, Milano, 26-27 Giugno, **1995**, 61

307. S. Mosca, **R. Toni**, A. Matteucci, R. Bareggi, F. Ruggeri, AM Martelli
Selective distribution of protein kinase C iota (PKCi) isoform in the neocortex and hypothalamus of the male rat
Eu. J. Histochemistry, 39 (supp. 1), 70, **1995**

308. S. Mosca, A. Valentino, C. Vezzadini, **R. Toni**
Increased incidence of hyperplastic and adenomatous polyps of the colon and rectum in a group of acromegalic patients with active disease
J Endocrinol Investig 18, supp to n. 5, 10, **1995**

309. **R. Toni**, S. Mosca, A. Matteucci, AM Martelli, L. Cocco
Thyroid hormone regulates the translocation to the nucleus of protein kinase Ca: molecular basis for anterior pituitary proliferation in hypothyroidism
J Endocrinol Investig 18, supp to n. 5, 52, **1995**

310. R. Poggioli, C. Vezzadini, **R. Toni**, P. Vezzadini
Clinical manifestations of pancreatic somatostatinoma
Eu J Intern Med, 6 (supp 1), 100, **1995**

311. **R. Toni**, S. Mosca, A. Favero, A. Valmori, F. Ruggeri, RM Lechan, P. Vezzadini
Coexistence of VIP and vasopressin in the hypothalamic-neurohypophysial system of the male rat is regulated by thyroid hormone
Ital J Anat Embriol, supp 100, 214, **1995**

312. **R. Toni**, F. Briganti, RM Lechan, P. Vezzadini
Immunocytochemical distribution of somatostatin in the hypothalamus of the human fetus
Abstracts 10th International Congress of Endocrinology, S. Francisco, CA, June 12-15, 292, **1996**

313. F. Briganti, **R. Toni**, G. Frank, F. Calbucci
Early postoperative evaluation in Cushing disease: sensitivity, specificity and predictive values of plasma ACTH, cortisol and urinary free cortisol in patients receiving glucocorticoid replacement therapy
J Endocrinol Invest, 19 (supp to n 5), 44, **1996**

314. **R. Toni**, F. Briganti, G. Frank, F. Calbucci
Analysis by information theory of "ROC" distribution and cost of diagnostic errors for plasma cortisol, ACTH and urinary free cortisol in patients under substitutive therapy after transphenoidal surgery for Cushing disease
J Endocrinol Invest, 19 (supp to n 5), 3, **1996**

315. **R. Toni**, S. Mosca, F. Briganti, R. Poggioli, G. Frank, F. Calbucci, P. Vezzadini
Prevalence and anatomical distribution of polyps in the large bowel of acromegalics with active disease
J Endocrinol Invest 19 (supp to n 5), 20 **1996**

316. **R. Toni**, F. Briganti, G. Frank, F. Calbucci, P. Vezzadini
Information content of receiver operating characteristic (ROC) curves for plasma ACTH, cortisol and urinary free cortisol in patients under substitutive therapy after pituitary microsurgery for Cushing disease
Abstracts 4th International Pituitary Congress: A basic and clinical update, S. Diego, USA, June 16-18, F8, **1996**
317. **R. Toni**, F. Briganti, RM Lechan
Modular organization of TRH- and SRIF-immunoreactive (ir) neurons and NPY-ir fibers in the paraventricular nucleus of the rat hypothalamus
It J Anat Embriol, supp to 101, 97, **1996**
318. **R. Toni**, F. Briganti, F. Ruggeri, G. Pancaldi
An epistemologic model for the definition of operative criteria in clinical anatomy and its relevance in the diagnostic procedure
It J Anat Embriol, supp to 101, 2, **1996**
319. **R. Toni**, F. Ruggeri, F. Briganti, RM Lechan
The concept of hypothalamic integration in the "Antothomia" of Mondino dei Liuzzi da Bologna
Abstracts 26th Annual Meeting of the Society for Neuroscience, Washington DC, November 16-21, 243, **1996**
320. **R. Toni**
Mitogenic and antimitogenic neuropeptides in normal and tumoral growth of forebrain and anterior pituitary
In: Innovative Therapies, Italian National Research Council (ed), Abstracts Special Programme "Clinical Applications of Cancer Research" ACRO, Roma, 119-12, **1997**
321. R. Poggioli R., C. Scialpi, A. Malaguti, I. Orsi, **R. Toni**, C. Vezzadini
Clinical heterogeneity of somatostatinoma
Digestion 58 (S2) 23, **1997**
322. **R. Toni**, C. Scialpi, F. Vescini, C. Vezzadini, A. Musolino, P. Vezzadini
Hypothyroidism increases vasoactive intestinal polypeptide (VIP) in pituitary gonadotropes and decreases luteinizing hormone-releasing hormone (LHRH) in septal neurons of the adult male rat
J Endocrinol Invest 20 (supp to n. 4), 7, **1997**
323. C. Vezzadini, I. Orsi, C. Scialpi, A. Malaguti, **R. Toni**, P. Vezzadini
The secretin stimulation test in the diagnosis of pancreatic and duodenal somatostatinoma
J Endocrinol Invest 20 (supp to n. 4), 63, **1997**

324. M. Anagni, I. Orsi, A. Malaguti, C. Scialpi, **R. Toni**, P. Vezzadini
Iperparatiroidismo primario in un paziente con carcinoide gastrico non antrale
Abstracts Esperienze Cliniche in Medicina Interna, Società Italiana di Medicina
Interna, Sezione Interregionale Emilia Romagna-Marche, Ospedale Civile S. Agostino,
Modena, 7 Giugno **1997**

325. **R. Toni**, A. Musolino, M. Zamagni, G. Orlandi, A. Favero, CA Tassinari, P.
Vezzadini
24-hour hormonal evaluation in a case of Kleine-Levin syndrome
Ann Endocrinol, 58, S1, P4-120, **1997**

326. **R. Toni**, A. Musolino, F. Ruggeri, C. Scialpi
Immunocytochemical distribution of thyrotropin-releasing hormone (TRH)
prohormone in the diencephalon of the human fetus
It J Anat Embriol, supp to 102, 83, **1997**

327. P. Vezzadini, N. D'Imperio C. Vezzadini, A. Cuppini. **R. Toni**
Tumori endocrini rari dell'intestino tenue
VI Congresso Nazionale del Club del Tenue, Pavia, 12-13 Dicembre, **1997**

328. R. Poggioli, C. Vezzadini, **R. Toni**, P. Vezzadini
A meta-analysis study of clinical presentation in patients with somatostatinoma
Abstracts IV European Congress of Endocrinology, Sevilla, Spain, 9-13 May, **1998**
OR13-6

329. C. Vezzadini, **R. Toni**, R. Poggioli, P. Vezzadini
Experience with lanreotide in patients with malignant endocrine
gastroenteropancreatic tumors
Abstracts IV European Congress of Endocrinology, Sevilla, Spain, 9-13 May, **1998**,
P2-2

330. A. Malaguti, R. Poggioli, **R. Toni**, P. Vezzadini
Association between autoimmune thyroid disease and type A gastritis
Abstracts "Clinical aspects of autoimmune thyroid disease and related disorders",
Granada, Spain, May 7-8, **1998**, 60

331. **R. Toni**, S. Mosca, P. Vezzadini
Colocalization of VIP and LH in the anterior pituitary of the hypothyroid male rat
Abstracts Vth International Pituitary Congress, Naples, USA, June 28-30, **1998**, 59

332. **R. Toni**, F. Ruggeri
The structure of explanation in clinical anatomy
It J Anat Embriol, supp to 103, 9, **1998**

333. **R. Toni**, S. Mosca, C. Gnudi, RM Lechan
Morphological basis for paracrine and autocrine regulation by VIP of LH secretion
in the anterior pituitary of the hypothyroid male rat
It J Anat Embriol, supp to 103, 9, **1998**

334. **R. Toni**
Neuroendocrine regulation of thyrotropin-releasing hormone (TRH) in the tuberoinfundibular system: the integrative role of thyroid hormone
Abstracts 26th Annual Congress of the Physiological Society of Southern Africa, Rustenburg, September 20-23, **1998**
335. **R. Toni**
The reasoning in clinical anatomy and its relation to the statistical relevance model of explanation
Abstracts of XV Congress of the International Federation of Associations of Anatomists and 4th Malpighi Symposium, Rome, September 11-19, **1999**, 717
336. **R. Toni**, C. Della Casa
Subcellular localization of interleukin 1alfa in limbic-diencephalic regions of the rat brain
It J Anat Embriol 104 (supp 2), **1999**, 73
337. **R. Toni**, C. Della Casa, M.L. Arcari, M. Vitale, G. Azzali
Topography and time course of DNA synthesis in rat anterior pituitary cells in primary culture
It J Anat Embriol 105 (supp 1 to 2), **2000**, 238
338. C. Della Casa, S. Mosca, E. Roti, **R. Toni**
A meta-analytical study on anthropological variations, bilateral symmetry and angiographic visualization of the thyroid arteries.
J Endocrinol Invest 24 (suppl to n7), 102, **2001**
339. **R. Toni**, S. Mosca, C. Della Casa, S. Santi, AM Martelli, L. Cocco
Nuclear translocation of PKC α is an early signal for growth of selected anterior pituitary cells
J Endocrinol Invest 24 (suppl to n7), 16, **2001**
340. A. Malaguti, C. Vezzadini, L. Vignoli, **R. Toni**, P. Vezzadini
Prevention of recurrent type I gastric carcinoids with the somatostatin analogue lanreotide
J Endocrinol Invest 24 (suppl to n7), 85, **2001**
341. A. Malaguti, C. Vezzadini, **R. Toni**
Multiple sclerosis with hyperandrogenism and polycystic ovary syndrome (PCOS): a case report
J Endocrinol Invest 24 (suppl to n7), 52, **2001**
342. C. Della Casa, S. Mosca, **R. Toni**
Bilateral symmetry and anatomical pattern of the human thyroid arteries: a meta-analysis on Caucasian and Asians
It J Anat Embriol 106 (supp 1 to 3), **2001**, 86

343. C. Ponti, D. Ghibellini, **R. Toni**, G. Azzali, M. Vitale
Interleukin-2 (IL-2) activates the cAMP response element binding protein (CREB) in human natural killer (NK) cells
It J Anat Embriol 106 (supp 1 to 3), **2001**,214

344. ML Arcari, M. Micheloni, **R. Toni**, M. Vitale. G. Azzali
Lymphocytes transendothelial migration in HEV and lymphatic vessels of guinea pig Peyer's patches
It J Anat Embriol 106 (supp 1 to 3), **2001**,86

345. **R. Toni**, S. Mosca, C. Della Casa, S. Santi, AM Martelli, L. Cocco
Basal growth of anterior pituitary cells in vivo is associated to translocation of protein kinase C alpha isoenzyme in the nucleus
It J Anat Embriol 106 (supp 1 to 3), **2001**,263

346. C. Della Casa, S. Mosca, A. Malaguti, G. Spaletta, L. Guidotti, G. Azzali, **R. Toni**
The geometry of the thyroid lobe is a determinant for arterial and nervous dominance in the thyroid gland
J Endocrinol Invest 24 (suppl to n7),52, **2001**

347. C. Ponti, P. Mirandola, A. Monelli, G. Gobbi, **R. Toni**, M. Vitale
IL-2 induces the expression of Trail receptors in natural killer cells
It J Anat Embriol 107 (supp 1 to 3), **2002**, 211

348. A. Malaguti, S. Mosca, C. Della Casa, M. Vitale, AM Martelli, **R. Toni**
PreproTRH 53-74: evidence for a role as growth factor in primary cultures of male rat anterior pituitary
It J Anat Embriol 107 (supp 1 to 3), **2002**, 268

349. C. Della Casa, S. Mosca, A. Malaguti, G. Spaletta, L. Guidotti, E. Roti, **R. Toni**
A theoretical study on arterial dominance in the human thyroid gland in relation to the geometry of the thyroid lobe
J Endocrinol Invest 25 (suppl to n 6), **2002**, 44

350. C. Della Casa, L. Caucci, G. Spaletta, S. Mosca, A. Malaguti, L. Guidotti, I. Galligani, G. Ugolotti, E. Roti, **R. Toni**
Topologia del lobo tiroideo in relazione a noduli iperfunzionanti: forma della tiroide come determinante per la funzione nodulare
Abstracts Ventesimo Giornate Italiane della Tiroide, Pisa 5-7 Dicembre, **2002**, P58

351. S. Castorina, J Domergue, **R. Toni**, M. Prudhomme
Surgical laparoscopic and digital anatomy of the left colon flexure
It J Anat Embriol 108 (supp 2 to 3), **2003**, 41

352. S. Castorina, J. Domergue, **R. Toni**, A. Karaa
Surgical laproscopic anatomy of the oesophageal hiatus: an anatomo-clinical study
It J Anat Embriol 109 (supp 1 to 3), **2004**, 68-69

353. **R. Toni**
 Neural and neuroendocrine bases for hedonic and adaptive value of athletic performance in shotokan karate
 Abstracts 3rd International Symposium on Traditional Karate, Budo Arts and Combat Sports, Milano, May 7-8, **2005**, 19
354. S. Ravera, FP. Morigi, M. Coiro, C. Della Casa, A. Bondi, **R. Toni**
 Chormogranin A as an early marker of neuroendocrine differentiation in the human embryo: evidence for feasibility of the “Triune Information Network” concept on man
 It J Anat Embriol 110 (suppl 1 to 3) **2005**, 275
355. C. Della Casa, G. Spaletta, M. Bodria, S. Ravera, D. Dallatana, S. Castorina, A. Martorella, **R. Toni**
 A fractal model for bioengineering of the stromal / vascular scaffold of a bionic human thyroid gland.
 It J Anat Embriol 111 (suppl 2 to 3) **2006**, 75
356. S. Ravera, D. Dallatana, S. Petrini, S. Gerboni, A. Zanca, V. Groppi, S. Castorinia, **R. Toni**
 A new dissection approach for in situ isolation of the human fetal encephalon: comparison with standard techniques.
 It J Anat Embriol 111 (suppl 2 to 3) **2006**, 224
357. **R. Toni**
 Basi psiconeuroendocrine della prestazione atletica nel karate
 Sport e Medicina, 1, **2007**, 47
358. **R. Toni**
 Il sonno della mente e la spada: Dioniso e Apollo nel cervello umano
 Abstracts 4th International Symposium on Traditional Karate, Budo Arts and Combat Sports, Dept Human Morphology – Univ. of Milan, Milan, Italy, May 19th-20th, **2007**
359. **R. Toni**
 A new perspective in neuroendocrine integration: the triune information network (TIN) concept
 Abstracts First Meeting of the Indian Subcontinent Branch of the International Neuropeptide Society, Nagpur, India, February 2-3, **2008**, 7-8
360. **R. Toni**
 Clinical anatomy of the human hypothalamus
 Proceedings of the SERC School in Neuroscience, Nagpur, India, January 27-February 13, **2008**, 38.

361. V. Strusi, Zini, N., Dallatana, D., Parrilli, A., Giardino, R., Lippi, G., Spaletta, G., Bassoli, E., Gatto, A., Iafisco, M., Sandri, M., Tampieri, A., and **R. Toni**
Ex situ bioengineering of the rat thyroid using as a scaffold the three dimensional (3D) decellularized matrix of the glandular lobe: clues to the organomorphic principle.
It J Anat Embryol 116 (suppl 1), **2011**, 180

362. V. Strusi, N.Zini, D. Dallatana, S. Mastrogiacomo , A. Parrilli, R. Giardino, G. Lippi, G. Spaletta, E. Bassoli, A. Gatto, M.Iafisco, M. Sandri, A. Tampieri, **R. Toni**.
Endocrine bioengineering: reconstruction of a bioartificial thyroid lobe using its three-dimensional (3D) stromal / vascular matrix as a scaffold.
Endocrine Abstracts 29: **2012**, P1586

363. **R. Toni**, V. Strusi, N.Zini, D. Dallatana, S. Mastrogiacomo , A. Parrilli, R. Giardino, G. Lippi, G. Spaletta, E. Bassoli, A. Gatto, M.Iafisco, M. Sandri, A. Tampieri
Bioengineering of the thyroid lobe: use of its stromal/vascular matrix as a scaffold for ex situ reconstruction.
Endocr Rev 33 (03_MeetingAbstracts): **2012**, OR26-3

364. V. Strusi, N. Zini, S. Mastrogiacomo, A. Zamparelli, F. Barbaro, D. Dallatana, A., R. Giardino, **R. Toni**
Identification of putative adult stem cells in the rat thyroid and their use in ex situ bioengineering.
IJAEE 117 (supplement 2): **2012** , 184

365. S. Mastrogiacomo, V. Strusi, D. Dallatana, F. Barbaro, N. Zini, A. Zamparelli , M. Iafisco, A. Parrilli, R. Giardino, G. Lippi, G. Spaletta, E. Bassoli, A. Gatto, M. Sandri, S. Sprio, A. Tampieri, **R. Toni**
Poly-L-lactic acid and poly-ε-caprolactone as biomaterials for ex-situ bioengineering of the rat thyroid tissue.
IJAEE 117 (supplement 2): **2012**, 120.

366. A. Parrilli , N. Zini, G. Spaletta, E. Bassoli, A. Gatto, **R. Toni**, L. Ceglia, M. Fini.
Micro-CT of 3D vascular structures: clues for innovative scaffolds in organ engineering
Abstracts Micro-CT Users Meeting, Hasselt, Belgium, **2013**, 135-139

367. G. Spaletta, M. Sofroniou, A. Gatto, E. Bassoli, A. Parrilli, N. Zini, **R. Toni**,
Glandular morphology biomodeling,
Atti CD VI Mathematica Italia User Group Meeting, Bologna, 30-31 May 2013, ADALTA snc, Arezzo, **2013**, ISBN: 978-88-96810-03-3

368. V. Strusi, E. Piccininni, S. Heiler, C. Berkemeier, D. Wendt , T. Barthlott, **R. Toni**, G. Hollander, I. Martin I.
An in vitro 3D model to culture thymic epithelial cells
Abstracts MiMe - Materials in Medicine, International Conference, Faenza, Italy, October 8-11, **2013**, 6-CII

369. **R. Toni**, N. Zini, F. Barbaro, A. Zamparelli, D. Dallatana, E. Bassi, S. Mosca, G. Lippi, G. Spaletta, E. Bassoli, L. Denti, A. Gatto, A. Parrilli, M. Fini, R. Giardino, L. Ceglia, M. Sandri, S. Sprio, A. Tampieri
Bioartificial endocrine organs: a translational perspective in regenerative endocrinology
Abstracts MiMe - Materials in Medicine, International Conference, Faenza, Italy, October 8-11, **2013**, 102-MC-O
370. F. Barbaro, A. Zamparelli, N. Zini, D. Dallatana, E. Bassi, S. Mosca, A. Parrilli, M. Fini, R. Giardino, **R. Toni**.
Adult stem / progenitor cells of the rat thyroid: side population distribution, intermediate filament expression, and long-term in vitro expansion.
It. J. Anat Embryol. 118, 2 (Supplement): **2013**, 19.
371. E. Bassi F. Barbaro, A. Zamparelli, N. Zini, ,L. Cattini, D. Dallatana, C. Gnocchi, G. Lippi, S. Mosca, A. Parrilli, M. Fini, R. Giardino, **R. Toni**.
Thyrogenic, adipogenic, and osteogenic differentiation of adult rat, thyroid stem cells enriched by long-term adherent subculture
It. J. Anat Embryol. 119, 1 (Suppl): **2014**, 15.
372. E. Bassi F. Barbaro, A. Zamparelli, N. Zini, G. Spaletta, F. Ricci, C. Velati, D. Dallatana, C. Gnocchi, G. Lippi, M. Alfieri, S. Mosca, C. Della Casa, P. Crafa, A. Parrilli, M. Fini, **R. Toni**.
Multipotent adult rat, thyroid stem cells can be differentiated to follicular thyrocytes, and hepatocyte-like cells in 2D and 3D culture systems
It. J. Anat Embryol. 120, 1 (Suppl): **2015**, 87
373. MA Asnaghi , T. Barthlott, V. Strusi, **R. Toni**, Hollander G, Martin I, D. Wendt.
Decellularized thymus for in vitro culture of functional adult thymic epithelial cells
Tissue Eng Part A, 21 (suppl 1), **2015**, S-275
374. E. Sánchez-Jaramillo, E. Sánchez-Islas, G. B. Gómez-González, F. Romero, V. R. Juárez-González, N. Yáñez-Recendis, **R. Toni**, M. Leon-Olea.
Perinatal exposure to aroclor 1254 exerts a stimulatory effect on parvocellular PVN TRH mRNA levels and has an inhibitory action in response to salt-loading stress
Endocrine Society's 98th Annual Meeting and Expo, Boston, MA, USA, April 1-4, **2016**, FRI 126
375. F. Barbaro, E. Bassi, E. Consolini, M. Alfieri, D. Dallatana, S. Mosca, R. Percudani, L. Franzoni, **R. Toni**
Rat Prepro-TRH 53-74 acts as growth factor involving the protooncogenic, protein kinase C epsilon in GH-secreting rat adenoma pituitary cells: translational clues for tumor promotion in GH-omas.
Abstract 39° Congresso Nazionale SIE, Roma, 21-24 Giugno, **2017**, 30

376. M. Alfieri , A. Kwasnik , M. Henry , P. Meleady , F. Barbaro , E. Consolini , L. Ceccotto, G. Gallo, D. Dallatana, L. Elviri, **R. Toni**, SR. Pennington.
Towards the development of a proteomic signature of adult, male rat thyroid stem cells. Abstracts Annual Scientific Meeting, British Society for Proteome Research, University of Bradford, UK, July 9-11, **2018**, P15, 55

377. G. Gallo, F. Barbaro, E. Consolini, L. Cecotto, M. Alfieri, D. Dallatana, A. Barbero, I. Martin, **R. Toni**
Neural crest- and primary mesoderm-derived morphogenetic-like fields in the nasal septum of the human embryo: implications for engineering of the articular cartilage. It.J. Anat Embryol 123, 1 (Suppl): **2018**, 98

378. L. Cecotto, E. Consolini, F. Barbaro, G. Gallo, D. Dallatana, N. Zini, E. Bassi, M. Alfieri, **R. Toni**
Adult thyroid stem cells as a novel source of brown adipose tissue: clues to bioengineered rat models of tissue implants for innovative treatment of obesity. It.J. Anat Embryol 123, 1 (Suppl): **2018**, 59

379. **R. Toni**
The masks of Lorenzo Tenchini at the University of Parma: their legacy to the modern concept of facial transplantation, additive layer manufacturing, and facial recognition algorithms.
Abstracts 2nd International Congress of Wax Modelling, Padua 7-8 June, **2019**, 18-19

380. F. Barbaro, G. Di Conza, E. Consolini, M. Alfieri, D. Dallatana, C. Bergonzi, G. Remaggi, R. Bettini, **R. Toni**, L. Elviri
Preparation of decellularized rat thyroids for tissue engineering applications: a mass spectrometry characterization
Abstracts Bioanalitica 2019 "From molecules to devices", December 6, **2019**, Parma, Italy, P2

381. G. Remaggi, F. Barbaro, G. Di Conza G, **R. Toni**, L. Elviri
Mass spectrometry characterization of stromal proteins from decellularized porcine matrices used as 3D organoids model systems.
Abstracts Bioanalitica Meeting 2021, July 13, **2021**, Bologna, Italy, 45-46

382. G. Remaggi, F. Barbaro, G. Di Conza G, **R. Toni**, L. Elviri
3D organoids for invitro screening of endocrine disrupting chemicals: a mass spectrometry study of matrix proteins using different decellularization detergents
Abstracts Ulla ON-LINE Summer School **2021**, European Universities Consortium for Pharmacological Science, July 6-8

383. G. Remaggi, G. Di Conza, F. Barbaro, E. Caddeo, M. Antoniel, G. Spaletta, L. Elviri, **R. Toni**
Developments in the Horizon 2020 European SCREENED project: proteomic signature of FRTL5 thyroid cells for engineering 3D organoids
Abstracts Research Day, Department of Medicine and Surgery - National Health System, UNIPR, October 1, **2021**, 19 - 20
384. Di Conza G, Barbaro F, Remaggi G, E. Caddeo, G. Spaletta, S. Panseri, M. Sandri, L. Elviri, **R. Toni**
A 3D thyroid organoid model adult rat thyroid stem cells useful for EDs screening.
EURION Cluster Annual Meeting, ON-LINE event, January 20-21, **2022**
<https://ergo-project.eu/eurion/>
385. G. Remaggi, G. Di Conza, F. Barbaro, E. Caddeo, G. Spaletta, L. Elviri, **R. Toni**
An innovative European Joint Research Center - submitted in vitro assay for screening endocrine disruptors effects on thyroid cells function: Horizon Project #825745.
Abstracts Research Day, Department of Medicine and Surgery - National Health System, UNIPR, October 7, **2022**, Poster Session see at <https://mc.unipr.it/it/notizie/7-ottobre-il-secondo-research-day-del-dipartimento-di-medicina-e-chirurgia-delluniversita-di> and <https://www.unipr.it/notizie/7-ottobre-secondo-research-day-del-dipartimento-di-medicina-e-chirurgia>
386. G. Remaggi, G. Spaletta, **R. Toni**
The Horizon European SCREENED Project 825475: "High dimensional data" for endocrine disruptor assays on thyroid organoids.
Abstracts Statistic Seminar **2022**, Department of Statistical Sciences, University of Bologna, <https://stat.unibo.it/it/eventi/the-horizon-european-screened-project-825475-high-dimensional-data-for-endocrine-disruptor-assays-on-thyroid-organoids>
387. **R. Toni**, S. Panseri, E. Campodoni, G. Di Conza, F. Barbaro, G. Remaggi, L. Elviri, G. Spaletta, M. Sandri
Innovations from the Horizon 2020 European SCREENED project: iron-doped hydroxyapatite nanoparticles (FeHA NPs) for magnetic guidance of rat thyrocytes onto thyroid lobe-like 3D collagen scaffolds.
Abstracts 32nd Symposium and Annual Meeting, of the International Society for Ceramics in Medicine, Bioceramics 32, September 20 - 23, **2022**, Venice, Italy, 161
388. F. Barbaro, G. Di Conza, **R. Toni**
Le maschere di Lorenzo Tenchini: anatomie della psicopatologia Lombrosiana a Parma.
In: Racconti e Ritratti di Medicina e Malattia - Un'evoluzione tra scienza, arte e cultura. Parma, 30/09-24/10, **2022** <https://www.cnrweb.tv/racconti-e-ritratti-di-medicina-e-malattia/>
389. **R. Toni**, F. Barbaro
Le maschere di Lorenzo Tenchini all'Università di Parma: una prospettiva biomedica del rapporto forma-funzione nel contesto della psicopatologia di fine '800
Abstracts Simposio "Il volto del crimine: antropologia criminale, fisiognomica e diritto alla fine del XIX secolo", Dipartimento di Scienze Giuridiche, Università di Verona, Verona, Italy, May 2-3, **2024**, 15

390. F. Quartulli, G. Di Conza, F. Barbaro, L. Elviri, S. Mosca, V. Gatta, L. Stuppia, S. Sprio, A. Tampieri, **R. Toni**
Chitosan is a natural biomaterial able to favor 3D follicular selfassembly of adult male rat, thyroid stem cells in primary monolayer: innovations from the Horizon 2020 European SCREENED Project.
Abstracts Book, Annual Meeting of the Italian Society for Biomaterials, July 8-10, **2024**, Faenza, Italy, 79-80
391. F. Quartulli, G. Di Conza, F. Barbaro, S. Sprio, A. Tampieri, **R. Toni**
A bioinformatic interactomic analysis of “high-dimensional data” from proteome functional clusters: innovations from the Horizon Project SCREENED #825745 based on rat thyroid stem cells tested in an EU Joint Research Centre-submitted in vitro assay.
Abstracts Research Day DIMEC - UNIPR, October 4, **2024**, Poster Session at:
https://www.unipr.it/sites/default/files/2024-10/AGENDA_Research%20Day_2024_finalissimo.pdf
392. S. Borgo, M. Di Felice, A. Esposito, V. Seidita, G. Spaletta, **R. Toni**, I. Zyrianoff. IoT and humanoid robotics for next generation motor rehabilitation systems.
In: Proceedings of the 2024 20th International Conference on Distributed Computing in Smart Systems and the Internet of Things (DCOSS-IoT), Abu Dhabi, United Arab Emirates **2024**, 771-773
393. S. Borgo, M. Di Felice, G. Fasano, C. Masolo, V. Seidita, G. Spaletta, F. Barbaro, G. Di Conza, E. Quarantini, M. Quarantini, **R. Toni**.
Integrating ontological modelling, IoT and humanoid robotics for motor rehabilitation systems.
In: Formal Ontology in Information Systems Conference 2024 (FOIS 2024), University of Twente, Enschede, Netherlands, July 15-19, **2024**, Number: 2357, Track: Research and Industrial Project Exhibitions, 1-3
394. G. Di Conza G, FP Quartulli, F. Ariodante, F. Barbaro, S. Mosca, M. Mosca, E. Gabusi, G. Lisignoli, S. Sprio, A. Tampieri, **R. Toni**.
Il filamento citoscheletrico desmina rappresenta un nuovo segnale osteogenico precoce attivabile dal mioinositolo attraverso l'inibizione AKT-dipendente di GSK3 β : una nuova prospettiva traslazionale per i disordini osteometabolici.
Abstracts 43 Congresso Nazionale SIE, Torino, 11-14 Giugno, **2025**, C-59,
<https://poster.easyabstract.it/sie2025/abstract/20589/184/1041>
395. FP Quartulli, G. Di Conza G, F. Barbaro, Y. Gzara, F. Ariodante, E. Gabusi, G. Lisignoli, S. Mosca, M. Mosca, S. Sprio, A. Tampieri, **R. Toni**.
Desmin acts as a new and early anabolic signal for skeletogenic progenitors in response to AKT-dependet inhibition of GSK3 β by myo-inositolo: a bioinformatic, morpho-functional, and translational study.
Abstracts 78 Congresso Nazionale SIAI, Ravenna, 18-20 Settembre, 129 (1), 33, **2025**

396. FP Quartulli, G. Di Conza G, F. Barbaro, Y. Gzara, E. Gabusi, G. Lisignoli, M. Mosca, S. Mosca, S. Sprio, A. Tampieri, **R. Toni**.
Desmin acts as a new and early anabolic signal for skeletogenic progenitors in response to AKT-dependent inhibition of GSK3 β by myo-inositol: a bioinformatic, morpho-functional, and translational study.
Abstracts Research Day DIMEC-UNIPR, Parma, October **2025** (*in press*)

**Autorizzazione trattamento dei
dati personali**

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16.