

Short biosketch

The Humanitas Research Hospital is located in Rozzano (Milan, Italy). The Humanitas Endocrinology and Diabetology Unit is headed by Prof. Andrea Lania and is staffed by two professors, six senior endocrinologists and diabetologists and twenty residents.

Prof. A. Lania coordinates, together with the Pancreas Surgery and Oncology Units, the multidisciplinary group for the management of neuroendocrine tumors, recognized as a center of excellence by the European Neuroendocrine Tumors Society (ENETS). This group is also part of the European Community's European Network of Rare Solid Tumors (ERN-EURACAN).

The recipient of the Clinical Observership Program will have the opportunity to visit the day hospital unit (dynamic test for diagnosis and follow-up of pituitary and adrenal tumors) and the outpatient clinics dedicated to neuroendocrinology, osteometabolic diseases, diabetes and andrology.

- Neuroendocrinology:

Prof. Andrea Lania coordinates the Unit for the diagnosis and treatment of neuroendocrine disorders.

The specialist outpatient clinics on the field of neuroendocrinology are:

- Level II outpatient clinic for the management of patients with pituitary disease (pituitary tumors, acromegaly, Cushing's disease, hypopituitarism, growth hormone deficiency). Prof. Andrea Lania coordinates the Pituitary Unit (composed by dedicated endocrinologists, the neurosurgeons Dr. Giovanni Lasio and Dr. Maria Pia Tropeano, the neuroradiologist Dr. Marco Grimaldi, the anatomopathologist Prof. Silvia Uccella);
- Multidisciplinary outpatient clinic for neuroendocrine tumours (clinical and therapeutic pathway, including radiotherapy (PRRT) and locoregional treatment (chemoembolization), in collaboration with the nuclear medicine, radiology and oncology departments);
- Level II outpatient clinic for the management of patients with thyroid cancer and parathyroid pathology (opportunity to attend outpatient clinic for thyroid imaging and mini-invasive procedures, including thyroid nodule biopsy and ablation);
- Level II outpatient clinic for the management of patients with adrenal tumors.

- Osteometabolic disorders:

Prof Gherardo Mazziotti coordinates the Unit for the diagnosis and treatment of osteometabolic diseases. The specialists in the Osteometabolic Diseases Unit deal with the complex and integrated management of osteoporosis secondary to endocrinological, rheumatological, gastroenterological and neurological diseases, as well as drug-induced osteoporosis in patients with neoplasms, systemic inflammatory diseases, and post-transplant follow-up.

The specialist outpatient clinics working in osteometabolic diseases are:

- Level I outpatient clinic for the diagnostic and therapeutic management of patients with osteoporosis.
- Level II outpatient clinic for the diagnosis and treatment of osteoporosis associated with oncological diseases.
- Level II outpatient clinic for the diagnosis and treatment of drug-induced osteoporosis.
- Level II outpatient clinic for diagnosis and treatment of skeletal fragility in patients after spinal surgery.
- Outpatient clinic for the intravenous administration of neridronate (for the treatment of

algodystrophy and osteogenesis imperfecta) and zoledronate (for the treatment of osteoporosis and Paget's disease).

- Andrology:

Dr. Alessandro Pizzocaro coordinates the Andrology Unit in collaboration with the Urology, Oncology, Radiotherapy and Reproductive Medicine Units. The specialist outpatient clinics of the Andrology field are:

- Level I outpatient clinic for the diagnosis and management of patients with hypogonadism and erectile dysfunction;
- Level I outpatient clinic dedicated to andrological rehabilitation (patients undergoing prostatectomy or prostate radiotherapy);
- Level II outpatient clinic dedicated to patients with Klinefelter's syndrome;
- Level II outpatient clinic dedicated to the andrological ultrasound;
- Outpatient clinic for endocrine pathology in patients undergoing medically assisted procreation (PMA) and during pregnancy.

- Diabetology:

Dr Marco Mirani coordinates the Diabetology Unit. The specialized outpatient clinics of the Diabetology Unit are:

- Level I outpatient clinic for the management of type 2 diabetes;
- Level II outpatient clinic for the assessment of micro- and macrovascular complications and the planning of specialist examinations according to the patient's needs (e.g. ophthalmological, cardiological, neurological, nephrological examinations);
- Nursing assessment for patient and carer education.
- Level II outpatient clinic for pump and sensor implantation and management
- Outpatient clinic for the "carbohydrate calculation" pathway (program for the use of advanced technologies (pumps) for patients on insulin therapy).

In addition, the Humanitas Endocrinology and Diabetology Unit has an outpatient clinic for the diagnosis and treatment of endocrine pathology in the age of transition.

The recipient of the Clinical Observership Program will be also involved in clinical research activities according to his/her interest and the ongoing projects during his/her stay.

More details about the team, the Humanitas Research Hospital, the Humanitas University and its facilities can be found on the following pages:

- <https://www.humanitas.it/unita-operative/endocrinologia/>
- <https://www.hunimed.eu>

Contact person

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Additional information

Other useful information and required documents can be found on the following page: <https://www.hunimed.eu/international-students/>.

The applicant for the EYES Clinical Observation Programme can contact the International Students Office directly (international.office@hunimed.eu or call the office at +39 02 8224 2486) for detailed and updated information on health insurance, documents required when moving to Italy, accommodation.

As part of the documents required by Humanitas University and Humanitas Research Hospital, we also kindly ask the applicant to write a motivation letter outlining his/her main interests and expectations for the coming experience (clinical practice, involvement in research activities). This will be useful for us to organize his/her stay in our hospital, including rotation in the day hospital/outpatient clinics, participation in a clinical study, research protocol or writing reviews/meta-analyses. For these purposes, a short interview will be arranged prior to the applicant's arrival in order to organize the work.
