

HANA BILLAUER

LAB MANAGER • MODIIN, ISRAEL • 0542088464



◦ DETAILS ◦

Modiin, Israel
0542088464
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◦ SKILLS ◦

- High throughput screening; liquid handlers (BioTek, Biomek)
- Cancerous cell lines
- Cell-based assays
- Pharmacokinetics: Specific Binding, Competition, Association, and Inhibition experiments
- DNA, RNA and Protein extraction
- Western blot/JESS assay
- PCR, qPCR
- Plasmid Cloning
- FACS
- ELISA
- Transfection / Infection
- Immunohistochemistry and Immunofluorescence
- fluorescence microscopy
- Bio-Safety Level 3 room operating
- In vivo tumor models
- Biodistribution studies
- micro-PET-CT imaging
- Scientific writing

◦ LANGUAGES ◦

Hebrew
English

- References are available upon request

• PROFILE

Dedicated and professional biology lab manager, offering 15 years of experience. providing strong, wet-biology-techniques background. Team leader, with experience in training technicians, mentoring lab staff, organizational and prioritization abilities, and excellent technical and troubleshooting skills. Project manager expertise in designing, planning, executing, analyzing, and presenting research projects.

• EMPLOYMENT HISTORY

2021 — Present

Cell-based assay - lab manager; Project manager R&D at Fore Biotherapeutics, Ness Ziona

- Manage, organize, direct, and coordinate a range of activities in the lab, including experiments schedule, quality control and assurance; problem-solving, and troubleshooting.
- Manage team members, training and mentoring.
- Project planning, executing, analyzing, and presenting results.
- Development of automation systems; Laboratory automation implementation; Process optimization and innovation
- Oversee Collaboration with cross-functional teams.
- Budget management; Inventory management; Laboratory Renovation
- Quality control and assurance

2014 — 2021

Research associate at Israel Institute for Biological Research | Life Science Research Institute | Department of Infectious Diseases | Israeli Reference Laboratory for Rickettsiosis and Leptospirosis., Ness Ziona

- Development and implementation of automation systems.

2013 — 2014

Project manager at Weizmann Institute of Science | Faculty of Cell Molecular Biology, Rehovot

2012 — 2013

Research assistant at Hebrew University of Jerusalem Faculty of Medicine, Hadassah Ein-Kerem, Lautenberg Center for Immunology and Cancer Research., Jerusalem

2008 — 2012

Pre-clinical project manager at Hadassah Ein-Kerem Hospital | Cyclotron/Radiochemistry Unit | Nuclear Medicine Department, Jerusalem

• EDUCATION

2005 — 2007

M.Sc., Hebrew University of Jerusalem Faculty of Medicine, Hadassah Ein-Kerem, Jerusalem Department of Anatomy under the supervision of Prof. Yosi Yanai.

2000 — 2004

B.Sc., Hebrew University of Jerusalem | Faculty of Life Science., Jerusalem

► PATENTS AND PUBLICATIONS

- Mishani E., Ilovich O., **Billauer H.**, Dotan S., Danenberg H., Bocher M., Abourbeh G., Freedman N. Molecular Imaging Agents. 20110293519
- Pribluda A, Elyada E, Wiener Z, Hamza H, Goldstein RE, Biton M, Bustain I, Morgenstern Y, Brachya G, **Billauer H**, Biton S, Snir-Alkalay I, Vucic D, Schlereth K, Mernberger M, Stiewe T, Oren M, Alitalo K, Pikarsky E, Ben-Neriah Y. A senescence-inflammatory switch from cancer-inhibitory to cancer-promoting mechanism. *Cancer Cell*. 12;24(2):242-56
- Ilovich O, Abourbeh G, Bocher M, Freedman N, **Billauer H**, Dotan S, Danenberg H, Mishani E. 2012. Structure-Activity Relationship and Preclinical Evaluation of Carbon-11-Labeled Ammonium Salts as PET-Myocardial Perfusion Imaging Agents. *Mol Imaging Biol*
- Gruzman, A., Elgar, A., Viskind, O., **Billauer, H.** Dotan, S., Cohen, G., Mishani, E., Hoffman, A., Cerasi, E., Sasson, S., 2011. Antihyperglycaemic activity of 2,4:3,5-dibenzylidene-D-xylose-dithioacetal in diabetic mice. *J Cell Mol Med*; 15(4)
- Ilovich, O., **Billauer, H.**, Dotan, S., Freedman, N.M., Bocher, M., Mishani, E., 2010. Novel and simple carbon-11-labeled ammonium salts as PET agents for myocardial perfusion imaging. *Mol Imaging Biol*; 13(1): 128-39.
- Ilovich, O., **Billauer, H.**, Dotan, S., Mishani, E., 2010. Labeled 3-aryl-4-indolylmaleimide derivatives and their potential as angiogenic PET biomarkers. *Bioorg Med Chem*; 18(2): 612-20.
- Dissoki, S., Eshet, R., **Billauer, H.**, Mishani, E. 2009. Modified PEG-anilinoquinazoline derivatives as potential EGFR PET agents. *J Labelled Comp Rad*; 52(2):41-52
- **Billauer-Haimovitch, H.**, Slotkin, T.A., Dotan, S., Langford, R., Pinkas, A., Yanai, J., 2009. Reversal of chlorpyrifos neurobehavioral teratogenicity in mice by nicotine administration and neural stem cell transplantation. *Behav Brain Res*; 205(2): 499-504.
- Yanai, J., Ben-Shanan, T., **Haimovitch, H.**, Katz, S., Kazma, M .2006. Mechanism-Based Approaches for the Reversal of Drug Neurobehavioral Teratogenicity. *Ann. N. Y. Acad. Sci*; 1074: 659-671